



SANTA MONICA COLLEGE

2022/2023 CATALOG

2022-2023 ACADEMIC CALENDAR

Dates listed below are for full-length courses. For up-to-date information, enrollment dates and other deadlines for short-term courses, dates for final exams, and specific deadline dates for adding and dropping classes, applying for a Pass/No Pass grading option, and filing Graduation petitions, please see the class schedule information at Corsair Connect (smc.edu/cc) or consult the Schedule of Classes.

Fall Semester 2022

Enrollment begins (Continuing Students)	Late Apr 2022
Enrollment begins (New Students)	Early May 2022
Last day to enroll by Web (online, hybrid, & Arranged Hours classes)	Sun, Aug 28, 2022
Last day to enroll by Web (on-campus classes meeting once per week and courses with a lab)	Midnight before 1st class meeting
Last day to enroll by Web (on-campus classes)	Midnight before 2nd class meeting
Fall Semester begins	Mon, Aug 29, 2022
<i>Labor Day (campus closed)</i>	<i>Mon, Sep 5, 2022</i>
<i>Veterans Day (campus closed)</i>	<i>Fri, Nov 11, 2022</i>
<i>Thanksgiving Holiday (campus closed)</i>	<i>Thu, Nov 24, 2022</i>
<i>Native American Day (campus closed)</i>	<i>Fri, Nov 25, 2022</i>
Fall Final Exams	Tue, Dec 13 – Tue, Dec 20, 2022
Fall Semester ends	Tue, Dec 20, 2022
Campus open (classes not in session)	Wed, Dec 21 – Thu Dec 22, 2022
<i>Winter Break (campus closed)</i>	<i>Fri, Dec 23 – Fri, Dec 30, 2022</i>
<i>New Year's Day Holiday (campus closed)</i>	<i>Mon, Jan 2, 2023</i>

Winter Session 2023

Enrollment begins (Continuing Students)	Early Nov 2022
Enrollment begins (New Students)	Mid Nov 2022
Last day to enroll by Web (online, hybrid, & Arranged Hours classes)	Sun, Jan 1, 2023
Last day to enroll by Web (on-campus classes meeting once per week and courses with a lab)	Midnight before 1st class meeting
Last day to enroll by Web (on-campus classes)	Midnight before 2nd class meeting
Winter Session begins	Tue, Jan 3, 2023
<i>Martin Luther King Jr. Holiday (campus closed)</i>	<i>Mon, Jan 16, 2023</i>
Winter Session ends (6-week classes)	Thu, Feb 9, 2023
<i>Lincoln's Birthday (observed; campus closed)</i>	<i>Fri, Feb 10, 2023</i>

Spring Semester 2023

Enrollment begins (Continuing Students)	Early Nov 2022
Enrollment begins (New Students)	Mid Nov 2022
Last day to enroll by Web (online, hybrid, & Arranged Hours classes)	Sun, Feb 12, 2023
Spring Semester begins	Mon, Feb 13, 2023
Last day to enroll by Web (on-campus classes meeting once per week and courses with a lab)	Midnight before 1st class meeting
Last day to enroll by Web (on-campus classes)	Midnight before 2nd class meeting
<i>Presidents' Day (observed; campus closed)</i>	<i>Mon, Feb 20, 2023</i>
<i>Departmental Flex Day (no classes)</i>	<i>Fri, Mar 3, 2023</i>
<i>Institutional Flex Day (no classes)</i>	<i>Thu, Mar 16, 2023</i>
<i>Spring Break (no classes; campus open)</i>	<i>Mon, Apr 10 – Sun, Apr 16, 2023</i>
<i>Memorial Day (campus closed)</i>	<i>Mon, May 29, 2023</i>
Spring Final Exams	Tue, Jun 6 – Tue, Jun 13, 2023
Spring Semester ends	Tue, Jun 13, 2023
Graduation Day	Tue, Jun 13, 2023

Summer Session 2023 (Subject to change)

Enrollment begins (Continuing Students)	Late Apr 2023
Enrollment begins (New Students)	Early May 2023
Last day to enroll by Web (online, hybrid, & Arranged Hours classes)	Sun, Jun 18, 2023
Last day to enroll by Web (on-campus classes meeting once per week and courses with a lab)	Midnight before 1st class meeting
Last day to enroll by Web (on-campus classes)	Midnight before 2nd class meeting
<i>Juneteenth (campus closed)</i>	<i>Mon, Jun 19, 2023</i>
Summer Session begins	Tue, Jun 20, 2023
<i>Independence Day (campus closed)</i>	<i>Tue, Jul 4, 2023</i>
Summer Session ends (6-week classes)	Fri, Jul 28, 2023
Summer Session ends (8-week classes)	Fri, Aug 11, 2023

Please Note: Many classes have different deadline dates for withdrawal refunds, avoiding or guaranteeing a W, etc. For specific details, students should go to smc.edu/cc and check their Corsair Connect account, which shows the specific drop dates for each of their enrolled classes. Please note that all enrollment, tuition, and other fees are subject to change without notice.

Welcome



At Santa Monica College, we are committed to helping you reach your full potential. We work hard to create a learning environment that is both challenging and rewarding, where you can pursue your personal and intellectual ideals. We are proud of our diversity, our distinguished professors and staff who are here because they believe that you have the power to transform the future, and our distinctive academic programs that exist to serve as a ladder to get you to your life's goals.

Welcome to Santa Monica College and the world of new possibilities.

A handwritten signature in black ink that reads "Kathryn E. Jeffery". The signature is written in a cursive, flowing style.

Kathryn E. Jeffery, Ph.D
Superintendent/President

How to Use this Catalog to...

...**GET INFORMATION**: See the catalog's **INDEX** to find what you're looking for quickly, the **ACADEMIC CALENDAR** on the catalog's inside front cover for important dates and deadlines, and the **MAPS** in the back of this catalog to learn more about SMC's main and satellite campuses and where things are located on them.

...find out about requirements for **SANTA MONICA COLLEGE DEGREES**: Turn to page 33.

...develop a path for **TRANSFER TO EARN A BACHELOR DEGREE** at a four-year college or a university, like a campus of the University of California or California State University: See pages 41-54, where you will learn about the requirements for the Intersegmental General Education Transfer Curriculum (IGETC) and other programs that can help you choose the classes that fulfill your transfer requirements.

...learn about the requirements for our many choices in **DEGREES, CERTIFICATES, AND TRANSFER PREPARATION**: See the Academic and Career Paths section, starting on page 62.

...figure out **HOW TO PAY FOR COLLEGE**: See the Financial Aid information on page 382.

...discover the wide array of **SPECIAL PROGRAMS AND SUPPORT SERVICES** that SMC offers students, on pages 370-386.

...find out **WHO'S WHO IN THE SMC COMMUNITY**: See pages 412-443 for information about our administrators, staff, department chairs, program leaders, and the instructors who will be teaching your classes.

...learn the details about **HOW THINGS WORK** here at SMC: Read the College's policies, rules, and regulations, which start on page 400.

COLLEGE DISCLAIMER NOTICE

The Santa Monica Community College District has made every reasonable effort to ensure the accuracy of this catalog at the time it was published. All catalog information is subject to change without notice. The District reserves the right to make changes to courses, programs, requirements, and other matters in response to student enrollment, level of financial support, or any other reason at the discretion of the Santa Monica Community College District administration. The District further reserves the right to add, amend, or repeal any of its rules, regulations, policies, and procedures, consistent with applicable laws.

Printed SMC materials are available in alternate media upon request. To request publications in alternate formats for disability accommodation, please send e-mail to dsps@smc.edu or call 310-434-4265. The information contained in this catalog is also available online (please see smc.edu/catalog).

When you enter a Santa Monica College campus or event, you give Santa Monica College or its designee permission to capture, use, and reproduce your image, likeness, and/or voice in all forms of media, in perpetuity, for any purpose, including marketing and promotion, without compensation to you.

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Please Note

ACCREDITATION

Santa Monica College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, 10 Commercial Blvd., Suite 204, Novato, CA 94949, telephone: 415-506-0234. This institutional accrediting body is recognized by the Council for Higher Education Accreditation and the US Department of Education.

STATEMENT OF EQUAL OPPORTUNITY (OPEN ENROLLMENT)

Santa Monica College is committed to equal opportunity in all of its programs and is in compliance with equal opportunity standards as required by Federal and State laws and District policy. Unless specifically exempted by statute or regulation, all Santa Monica College courses are open to enrollment and participation by any person who has been admitted to Santa Monica College and meets the course prerequisites.

STATEMENT OF NONDISCRIMINATION

The Santa Monica Community College District is committed to building an inclusive and diverse environment and maintains a comprehensive program to ensure that practice reflects these principles. Diversity within the college environment provides opportunity to foster mutual awareness, knowledge, and sensitivity, to challenge ingrained stereotypes, and to promote mutual understanding and respect. The District's equal employment opportunity and nondiscrimination policies are set forth in Board Policies 2405, 2410, 3120-3123, 5220, 5230, and 5530. As set forth in these Board Policies, the District is committed to equal employment opportunity and nondiscrimination in the learning and work environments in accordance with all applicable laws, including, without limitation, California Code of Regulations, Title 5, § 59300 et seq., California Government Code §§ 11135-11139.5, the Sex Equity in Education Act (California Education Code § 66250 et seq.), Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d), Title IX of the Education Amendments of 1972 (20 U.S.C. § 1681), Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. § 794), the Americans with Disabilities Act of 1990 (42 U.S.C. § 12100 et seq.), and the Age Discrimination Act (42 U.S.C. § 6101).

It is important for students, employees, and others associated with the College to report concerns about possible violations of the District's policies regarding equal employment opportunity and nondiscrimination. Students who need information about the District's policies or need to report a violation of the laws listed above should contact:

- SMC Human Resources Office, 310-434-4415 or hrcomplaints@smc.edu (located on the second floor of the SMC District Offices, 2714 Pico Blvd), regarding any complaint of unlawful discrimination, including sexual harassment and sexual discrimination; or
- Eric Oifer, ADA/504 Compliance Officer, 310-434-8912 or oifer_eric@smc.edu (office located in Student Services Center S276), regarding disability discrimination complaints.

Declaración de no discriminación

El Distrito de Santa Monica Community College tiene el compromiso de crear un ambiente inclusivo y diverso y de mantener un programa comprensivo para asegurarse de que la practica refleja estos principios. La diversidad entre el ambiente colegial provee oportunidad para fomentar el conocimiento, la erudición, y la sensibilidad mutua, luchar contra los estereotipos arraigados, y promover la comprensión y respeto mutua. Las reglas del Distrito sobre igualdad de oportunidades del empleo y de nondiscriminación se disponen en las polisas 2405, 2410, 3120-3123, 5220, 5230 y 5530. El Distrito está comprometido a la igualdad de oportunidades y nondiscriminación en los ambientes de la educación y del trabajo en acuerdo con las leyes, incluyendo, sin la limitación, el Código de las Regulaciones de California Título 5, § 59300 y ss.; el Código de Gobierno de California §§ 11135-11139.5; la Ley sobre Equidad de Sexo en la Educación (Código de Educación de California § 66250 y ss.); el Título VI de la Ley de 1964 sobre Derechos Civiles (42 U.S.C. § 2000d); el Título IX de las Enmiendas de Educación de 1972 (20 U.S.C. § 1681), Artículo 504 de la Ley de 1973 sobre Rehabilitación (29 U.S.C. § 794); la Ley de 1990 sobre Americanos con Incapacidades (42 U.S.C. § 12100 y ss.); y la Ley sobre Discriminación por Edad (42 U.S.C. § 6101).

Es importante que los estudiantes, el personal y las demás personas relacionadas con el SMC reportan las inquietudes sobre posibles violaciones de las polisas relacionadas a la igualdad de oportunidades del empleo y de nondiscriminación. Si Ud. necesita información sobre las polisas del Distrito o tiene que reportar una violación de cualquier de estas leyes, debe ponerse en contacto con:

- La oficina de SMC Human Resources 310-434-4415 o hrcomplaints@smc.edu (oficina ubicada en el segundo piso del Edificio Administrativo del SMC en 2714 Pico Blvd.) sobre cualquier reporte de discriminación, incluyendo el acoso sexual o discriminación sexual; o con
- Eric Oifer, ADA/504 Oficial de Conformidad 310-434-8912 o oifer_eric@smc.edu (oficina ubicada en la Sala 276 del Centro de Servicios Estudiantiles [Student Services Center] sobre reportes de discriminación por discapacidad.

비차별 선언서

Santa Monica College는 우리의 다원적인 사회를 반영하는 다양한 학생들과 직원들이 환영받고 지원을 받을 수 있는 일터이자 배움의 터전을 조성하기 위하여 끊임없이 노력하고 있습니다. 대학 환경 내에서의 다양성은 상호인식, 지식, 그리고 감성을 육성하기 위해 깊이 배어든 고정관념에 도전하고, 상호 이해와 존중을 증진하는 기회를 제공합니다. 당 교육구의 평등 고용 기회 및 비차별 정책 조항들은 교육위원회 정책 제 2405, 2410, 3120-3123, 5220, 5230 및 5530 조항에 명시되어 있습니다. 교육위원회 정책에 명시된 바와 같이, 당 교육구는 다음을 포함하나, 이에 국한되지 않는 모든 준거법에 따라 배움과 근무하는 환경에서 평등한 고용 기회와 차별이 없도록 하는데 헌신하고 있습니다. 캘리포니아주 법률집 표제5, 제59300 및 이하 참조, 캘리포니아주 정부법 제1135 - 11139.5, 성평형 교육법(캘리포니아 교육법 제66250 및 이하 참조), 1964년 민권법 표제VI(42 U.S.C. § 2000d), 1972년 교육개정법 표제IX(20 U.S.C. § 1681), 1973년 재활법 제504조(29 U.S.C.

§ 794), 1990년 미국 장애인 보호법(42 U.S.C. § 12100 및 이하 참조) 및 연령차별금지법(42 U.S.C. § 6101).

대학과 관련있는 학생, 직원 및 그 외 사람들이 평등한 고용 기회와 비차별에 대한 당 교육구의 정책위반의 가능성에 대한 우려를 신고하는 것은 중요합니다. 당 교육구의 정책에 대한 정보를 원하거나 위에 나열된 법률 위반을 신고해야 하는 경우에는 아래 담당자들에게 연락해야 합니다.

- 성추행 및 성차별을 포함한 불법 차별 행위에 대한 모든 항의/신고 - 샌디 정 (SMC Human Resources Office, 310-434-4415 hrcomplaints@smc.edu (SMC 행정관 2층에 위치, 2714 Pico Blvd), 또는
- 장애 차별에 대한 모든 항의/신고 - 산드라 버넷 (Eric Oifer), ADA/504 Compliance Officer, 310-434-8912 또는 oifer_eric@smc.edu

STATEMENT OF ACADEMIC FREEDOM

Santa Monica College's Board of Trustees adopted the following on December 4, 2001, as Board Policy 5210:

Academic freedom is essential not only to examine controversial issues in an objective manner in the classroom, but also to ensure access to information sources required for study of such issues. The intellectual search for transmission of knowledge should go forward in an atmosphere free from fear of reprisal, while providing opportunities for critical thinking and understanding of conflicting viewpoints. In order that special interests or conflicting public opinion not impede the educational process, instructors and students must be free to investigate, to form conclusions, and to express judgments and opinions. Academic freedom also includes the right to constructively criticize College policies without fear of retribution.

Academic freedom carries with it several responsibilities. Faculty members must strive for factual accuracy and show restraint in dealing with topics outside their area of expertise. While showing respect for the opinions of others, the instructor should, after impartial examination of the evidence, present the conclusions to which the evidence points. Selective omission of available data would not be in keeping with academic responsibility. Promotion of a partisan point of view to a captive audience would be equally unsuitable.

Members of the faculty, administration, College staff, and student body should feel free to speak in public forums or write "Letters to the Editor" and write publicly without institutional censorship, as long as they indicate they are not acting as institutional spokespersons. The College has a responsibility to society to defend and maintain academic freedom to insure that education goals can be achieved and that all fields of knowledge can be studied, discussed, and interpreted in an objective and scholarly manner.

Declaración de Libertad Académica

El Consejo Directivo del Santa Monica College aprobó lo siguiente el 4 de diciembre de 2001 como la Política del Consejo 5210:

La libertad académica es esencial no sólo para examinar temas controvertidos de manera objetiva en el salón de clases, sino también para garantizar el acceso a las fuentes de información que se requieran para estudiar dichas cuestiones. La búsqueda intelectual de la transmisión de

conocimientos debe avanzar en un entorno libre de temor a represalias, al mismo tiempo que ofrezca oportunidades para el pensamiento crítico y la comprensión de puntos de vista conflictivos. A fin de que intereses especiales o la opinión pública en conflicto no obstaculicen el proceso educativo, maestros y estudiantes deben ser libres para investigar, sacar conclusiones y expresar juicios y opiniones. La libertad académica también incluye el derecho a criticar de manera constructiva las políticas universitarias sin temor a represalias.

La libertad académica conlleva varias responsabilidades. El cuerpo docente deberá esforzarse por lograr la certeza de hecho y mostrar compostura al tratar temas fuera de su campo de conocimientos. Al mostrar respeto por las opiniones de los demás, después de examinar imparcialmente las evidencias, el instructor deberá presentar las conclusiones a las que apunten las evidencias. La omisión selectiva de información disponible no estará en concordancia con la responsabilidad académica. La promoción de un punto de vista partidista para un público cautivo será igualmente inapropiada.

El cuerpo docente, la administración, el personal de la universidad y el alumnado deberán sentirse en libertad para expresarse en foros públicos o de escribir "Cartas al editor" y escribir públicamente sin ninguna censura de la institución, siempre y cuando indiquen que no actúan como portavoces de ésta. El SMC tiene la responsabilidad con la sociedad de defender y mantener la libertad académica para garantizar que se puedan alcanzar las metas educativas y que se puedan estudiar, discutir e interpretar todos los campos del conocimiento de manera objetiva y académica.

학문의 자유 선언서

Santa Monica College 의 이사회는 2001년 12월 4일, 이사회 정책 제5210조항으로 다음을 채택하였습니다.

학문의 자유는 논쟁의 여지가 있는 문제들을 교실 내에서 객관적으로 검토하는 데 뿐만 아니라, 그러한 문제들의 연구에 요구 되는 정보원에 접근할 수 있는 권리를 보장하는 데에도 필수적인 것입니다. 지식 전달을 위한 지적 탐구는 보복에 대한 두려움이 없이 진행되어야 하며 동시에 비판적 사고를 할 수 있는 기회와 대립된 관점도 이해 해주는 학업 분위기 안에서 이루어져야 됩니다. 특별한 관심사 또는 상반된 여론이 교육 과정을 방해하지 않도록 하려면, 강사들과 학생들에게 조사심사하고, 결론을 내리고, 그들의 판단과 의견을 펼칠 수 있는 자유가 주어져야 합니다. 학문의 자유에는 응징에 대한 두려움 없이 대학 정책에 대해 건설적인 비판도 할 수 있는 권리도 포함돼야 됩니다.

학문의 자유에는 여러가지의 책임이 따릅니다. 교수진은 사실적 정확성을 추구해야 하며, 그들의 전문 분야 외의 주제를 다룰 때에는 절제된 모습을 보여야 합니다. 타인의 의견을 존중하는 동시에 강사는 증거 자료를 중립적으로 검토한 후, 증거 자료들이 가리키는 결론을 제시해야 합니다. 사용 가능한 데이터의 선택적 누락은 학문적 책임을 다한 것이 아니라고 할 수 있습니다. 선택의 여지가 없는 관중들에게 편파적인 견해를 펼치는 것 또한 적절하지 않습니다.

교수진, 행정 담당, 대학 직원 및 전 학생들은 당 대학 기관의 대변인으로서 행동하는 것이 아님을 밝히는 한, 기관의 검열없이 대중 포럼에서 자유롭게 의견을 얘기하거나 '독자투고(Letters to the Editor)'를 하고 대중에게 공개되는 글을 자유롭게 쓸 수 있어야 합니다. 당 대학은 학문의 자유를 수호함으로써 교육적

목적을 달성하고 모든 지식 분야에 대한 연구, 토론, 해석이 객관적이고 학구적인 방식으로 이루어질 수 있도록 해야 할 사회에 대한 책임이 있습니다.

ACADEMIC ADJUSTMENTS AND INFORMATION TECHNOLOGY FOR STUDENTS WITH DISABILITIES

Printed SMC materials are available in alternate media upon request. To request publications in alternate formats for disability accommodation, please send e-mail to dsp@smc.edu or call 310-434-4265.

SMC complies with State and Federal law with regard to modifying academic policies and procedures and information technology as needed to ensure that they do not discriminate, or have the effect of discriminating on the basis of a disability, against qualified applicants or students with a disability. For details, contact the Center for Students with Disabilities, located in Student Services Center S155; phone 310-434-4265; video phone (424) 238-1635.

The procedure for seeking an academic adjustment (such as testing accommodation, alternate text format, etc.) is:

1. Usually prior to or at the beginning of the semester, a student with a documented disability contacts the Center for Students with Disabilities and/or the relevant instructor or instructors (or requests staff at the Center for Students with Disabilities to initiate the contact) with a request for an academic or information technology adjustment;
2. The instructor or instructors discuss the request with the student and confer with the staff at the Center for Students with Disabilities to determine an appropriate adjustment; and
3. If the student, instructor(s), and staff at the Center for Students with Disabilities are unable to agree on an appropriate adjustment, the matter may be referred to Eric Oifer, ADA/504 Compliance Officer. Students may send e-mail to oifer_eric@smc.edu or call him at 310-434-8912. His office is located in Student Services Center S276.

General Information



The Vision, Mission, and Goals

Santa Monica College: Changing Lives in the Global Community Through Excellence In Education

VISION

Santa Monica College will be a leader and innovator in learning and achievement. As a community committed to open dialog and the free exchange of ideas, Santa Monica College will foster its core values: knowledge, intellectual inquiry, research-based planning and evaluation, academic integrity, ethical behavior, democratic processes, communication and collegiality, global awareness, and sustainability.

MISSION

Santa Monica College provides a safe, inclusive, and dynamic learning environment that encourages personal and intellectual exploration — one that challenges and supports students in achieving their education goals. Students learn to contribute to the local and global community as they develop an understanding of their relationship to diverse social, cultural, political, economic, technological, and natural environments. The College recognizes that each individual makes a critical contribution to the achievement of this mission.

Santa Monica College's academic and career programs and support services are intended to serve diverse individuals from local, national, and global communities who are seeking high-quality, affordable undergraduate education. The College offers certificates, Associate degrees, a baccalaureate degree, and streamlined pathways for transfer to university and for career training. The College promotes commitment to lifelong learning among students and the communities it serves.

GOALS

To fulfill this mission, Santa Monica College has identified the following Institutional Learning Outcomes and supporting goals.

INSTITUTIONAL LEARNING OUTCOMES

Santa Monica College students will:

- Acquire the self-confidence and self-discipline to pursue their intellectual curiosities with integrity in both their personal and professional lives;
- Obtain the knowledge and skills necessary to access, evaluate, and interpret ideas, images, and information critically in order to communicate effectively, reach conclusions, and solve problems;
- Respect the inter-relatedness of the global human environment, engage with diverse peoples, acknowledge the significance of their daily actions relative to broader issues and events;
- Assume responsibility for their own impact on the earth by living a sustainable and ethical life style; and

- Demonstrate a level of engagement in the subject matter that enables and motivates the integration of acquired knowledge and skills beyond the classroom.

SUPPORTING GOALS

Innovative and Responsive Academic Environment

- Continuously develop curricular programs, learning strategies, and services to meet the evolving needs of students and the community.

Supportive Learning Environment

- Provide access to comprehensive student learning resources such as library, tutoring, and technology;
- Provide access to comprehensive and innovative student support services such as admissions and records, counseling, assessment, outreach, and financial aid.

Stable Fiscal Environment

- Respond to dynamic fiscal conditions through ongoing evaluation and reallocation of existing resources and the development of new resources.

Sustainable Physical Environment

- Apply sustainable practices to maintain and enhance the College's facilities and infrastructure including grounds, buildings, and technology.

Supportive Collegial Environment

- Employ decision-making and communication processes that respect the diverse needs of the entire college community.

About SMC

GLOBAL CITIZENSHIP

Santa Monica College — a diverse and dynamic community of individuals from around the world — is committed to promoting global citizenship among its students, faculty, staff, and community.

To be a global citizen requires:

- Knowing about peoples, customs, and cultures in regions of the world beyond one's own;
- Understanding the interdependence that holds both promise and peril for the future of the global community; and
- Combining one's learning with a dedication to foster a livable, sustainable world.

To support its commitment to the development of global citizenship, SMC provides its community with a variety of courses, lectures, special events, and other educational opportunities to explore international and global issues, environmental challenges, and intercultural relationships.

EDUCATIONAL OPPORTUNITIES

Curricula

Santa Monica College offers four types of curricula for students to choose from, depending on their goals.

The general education curriculum offers a prescribed core of general education courses that provide opportunities for lifelong learning in various fields, including fine and applied arts, literature, foreign languages, science, and many other instructional areas.

Students desiring to transfer to a four-year college or university may take a transfer curriculum consisting of academic courses that meet college and university lower-division major requirements in liberal arts, the sciences, and a variety of pre-professional fields. After completing the transfer curriculum at Santa Monica College, students may apply to transfer to a four-year educational institution to complete their upper-division coursework.

The career preparation curriculum prepares students for immediate employment or occupational upgrading. This can be done in two years or less of full-time training at Santa Monica College. Persons who are already employed may take courses that lead to promotion or salary enhancement.

Santa Monica College also provides the community with many educational, cultural, social, and recreational programs to meet individual needs and personal interests. The programs include seminars, lectures, not-for-credit classes, art and photo gallery exhibits, concerts, theatrical productions, and planetarium shows.

Evening Classes

Santa Monica College offers a comprehensive selection of classes scheduled during evening hours to provide educational opportunities to students who are unable or do not wish to attend day classes. Evening classes are considered an integral part of SMC's educational program, and admission and enrollment procedures are the same for day or evening classes. All College policies — including those on admission, probation, and disqualification — apply equally to day or evening students.

Online Classes

Through its Office of Distance Education, Santa Monica College offers a selection of classes online over the Internet, which may be accessed from home, office, or other locations by using a computer with a browser and Internet access. Classes offered online are especially convenient for students who, for a variety of reasons, are unable or prefer not to travel to the SMC campus to attend classes. Online classes, like evening classes, are considered an integral part of SMC's educational program. All SMC policies — including those on admission, probation, and disqualification — apply equally to online students as they do to day or evening students. Online classes cover the same content, award the same credit, and are listed on student transcripts in the same way that on-campus classes are; they differ from on-campus classes only in their delivery method. For details on SMC's online classes, enrollment procedures, and technical requirements, students should go to smc.edu/OnlineEd or see the Schedule of Classes.

Hybrid classes are a combination of online-delivered coursework and mandatory meetings on the SMC campus. Please see the Schedule of Classes for details about specific on-campus meeting dates, times, and locations for hybrid classes.

COLLEGE HISTORY

Four-year colleges and universities have their roots in medieval Europe, but community colleges are a distinctly American contribution to higher education.

Santa Monica College — located in the Santa Monica Community College District and operated under the principles first defined in School Law of California, 1917 — is proud to be a part of that rich, long tradition of community service and public education.

A seven-member Board of Trustees, elected to a four-year term by the residents of Santa Monica and Malibu, governs the Santa Monica Community College District. A student-elected representative with an advisory vote serves on the Board as Student Trustee.

The College opened its doors as “Santa Monica Junior College” in 1929 to 153 students.

Although born on the eve of the Depression and no stranger to financial constraints, SMC has thrived. Today, enrollment is over 27,400 students. The College, which began by holding classes in Santa Monica High School, is now located on a 40-acre campus at 1900 Pico Boulevard and has six satellite campuses, with one additional site under construction, a first-ever Malibu satellite campus.

Santa Monica College has been headquartered at three locations since it opened. Classes were moved from the high school to an old elementary school building across the street. When a 1933 earthquake rendered that building unsafe, classes were held in a village of wood-framed tents affectionately nicknamed “Splinterville.” The Technical School was founded in 1937 at 2200 Virginia Avenue, which is now the site of Virginia Avenue Park.

Corsair Stadium, the first permanent structure built on the present campus, was erected in 1948. Groundbreaking ceremonies for the first classroom building were held September 11, 1950. With the completion of the Administration, Art, Music, Library, Little Theatre, and Student Activities buildings in January 1952, all classes except the vocational ones and the science labs were located on the new campus.

SMC's original Science Building was completed in February 1953. Three vocational buildings were added in 1957 for the cosmetology, sewing, and home economics programs, which were moved from the Technical School. The remaining classes at the Technical School were moved to the main campus in 1969.

By 1960, several new projects were built on campus: a spacious gymnasium with men's and women's locker rooms, a cafeteria building with classrooms, an enlarged student bookstore, and an addition to the library. Santa Monica College continued to change through the years, with new construction and the relocation of many classes to satellite campuses. Major construction projects included the Concert Hall in 1979; the Library, Learning Resources Center, and Instructional Materials Center in 1980; and the Business and Vocational Education Building in 1981. In 1983, the former library was renovated and renamed the Letters and Science Building. A four-story parking structure was completed in

1981, followed by two more parking structures in 1991, and another in April 2002.

In 1988, SMC opened its first satellite campus in the former Douglas Museum and Library complex at the Santa Monica Airport. Two years later, the second satellite campus opened at the former Madison Elementary School site at 11th Street and Arizona Avenue in Santa Monica, known now as the SMC Performing Arts Center. The College opened its third satellite facility in February 1998, a 3.5-acre campus on Stewart Street in the heart of Santa Monica's media and entertainment business district and dedicated to instructional programs in entertainment technology and design.

The College's completely modernized three-story Science Complex opened on the main campus in fall 1999, and a major expansion of the SMC Library opened in fall 2003. Both award-winning projects were funded by Proposition T — a bond measure approved by local Santa Monica and Malibu residents in 1992 — and earthquake restoration and other funds from the Federal and State governments.

In recent times, Santa Monica and Malibu residents have approved four safety and modernization bond measures to upgrade and enhance SMC's facilities. The first of these, Measure U for \$160 million, was approved in March 2002. The second, Measure S for \$135 million, was approved in November 2004. The third, Measure AA, for \$290 million, was approved in November 2008. The fourth, Measure V, for \$345 million, was approved in November 2016. With funding from Measure U, the College acquired two additional properties: a new four-story office and classroom building at 1227 Second Street, which became the permanent home for SMC's Emeritus program in fall 2003, and a 10.4-acre site near the Santa Monica Airport at Bundy Drive and Airport Avenue. The Bundy Campus — SMC's largest satellite campus — opened in summer 2005 and is home to SMC's Health Sciences and Education programs.

On SMC's main campus, a modernized replacement Theater Arts instructional building opened in fall 2007, along with a 64,000-square-foot Humanities and Social Science Building. At the SMC Performing Arts Center, a professional-quality 541-seat performing arts theater (the Eli and Edythe Broad Stage) opened in fall 2008.

SMC's main campus underwent a facelift, and now has a gorgeous quad with palm trees and environmentally friendly water features. Through its Sustainability Center, the College has embarked on an ambitious, award-winning program to develop and implement campus sustainability initiatives and research.

One of the greenest campuses in the state, SMC became the first community college in California to earn a Bronze-level Bike-Friendly University (BFU) award from the League of American Bicyclists, and subsequently received the upgraded Silver BFU award. Along with the Sustainability Center and active student clubs, SMC offers a 'live laboratory,' an organic learning garden, a recycling program for electronic waste, commercial worm composting, and many other opportunities for students to become environmental leaders.

Three other buildings funded by Measures AA and V have recently opened on the main campus. A 14,000-square-foot building opened in 2015 to house SMC's Center for Teaching Excellence in addition to SMC's information technology resources. A 66,000-square-foot three story structure, the

Core Performance Center, opened in 2017 and is home to SMC's dance and athletic programs, with spacious dance studios, men's and women's locker rooms, physical fitness labs, and a climbing wall. The building also houses a central cooling system for the campus. A new spacious three-story Student Services Center and underground parking garage opened in summer 2019. Also, a new site has been acquired immediately adjacent to the main campus and a project to house all of SMC's visual arts programs is underway. Under construction on the main campus is a major new addition to the Science Complex that will house additional labs, classrooms, and study spaces for math and science.

At its Bundy Campus, SMC acquired an additional three acres adjacent to the campus for use for additional overflow parking and for future program expansion.

At the Performing Arts Campus, SMC has acquired a 26,000-square-foot three-story commercial building adjacent to the campus as offices for the theater staff and presenting company. A new 21,000-square-foot three-story wing for the Center opened in 2017 that provides a large Music Hall for rehearsals, performances, and special events; a piano teaching lab; and a classroom for voice and choir instruction.

SMC's newly rebranded SMC Center for Media and Design — formerly the Academy of Entertainment and Technology — reopened in fall 2017 and features an expansion and remodeling of the original campus to accommodate design and media-related programs. The bachelor's program in Interaction Design is also housed there, along with SMC's NPR radio station KCRW. The campus features an auditorium for screening films, a TV studio, and radio broadcast labs.

The Santa Monica Early Childhood Lab School opened in fall 2021 as an innovative public-private partnership to train and provide practical experience to SMC students choosing to be early childhood educators. The 20,000-square-foot complex provides care and educational programs for infant, toddler, and preschool children from the community.

In fall 2021, SMC celebrated with the local school district the opening of a new joint-use 750-seat auditorium adjacent to SMC's main campus, and in spring 2023 SMC will open a new Malibu satellite campus with classrooms, art studio, science lab, community music hall, emergency operations center, interpretive center, and Los Angeles County Sheriff's substation in the Malibu Civic Center area.

As part of a historic pilot program, Santa Monica College was selected to be one of the first 15 California community colleges to offer bachelor's degrees. SMC's Bachelor of Science Degree in Interaction Design will help prepare students for careers as interaction designers and offers a gateway to professional and economic advancement for many students. The first cohort graduated in June 2018.

To encourage more students into pathways toward careers and further higher education, SMC expanded dual enrollment opportunities for high school students, creating special programs to give first-generation college students a head start. Also, the SMC Board of Trustees waived enrollment fees for high school students, and those who qualify can now take classes at SMC for free. SMC has also launched the "Santa Monica College Promise," which offers free tuition and up to \$1,200 in textbook vouchers to incoming full-time freshmen who qualify.

The coming of the first commuter train to Santa Monica in more than 60 years also led to a significant move that spelled out SMC's importance in the community: the Expo Light Rail station at 17th and Colorado includes "Santa Monica College" in its name.

Over the years, the College has offered continuing education classes to meet the needs of the community through such programs as SMC's Emeritus program founded in 1975 to offer classes to people aged 55 and older, and SMC's Community Education program, which provides a broad range of classes and workshops to individuals who wish to explore their personal interests or enhance their careers. The College also presents guest speakers, performers, films, and other special events to the community, and brings the best of public radio to Southern California through its award-winning NPR station KCRW (89.9 FM).

Santa Monica College has responded to the needs of its increasingly diverse student body through such academic and counseling support programs as the Scholars program (for honors students planning to transfer to four-year institutions), Latino Center, African American Collegian Center, Center for Students with Disabilities, and International Education Center. The College boasts the largest student support system among all California Community Colleges and the cornucopia of special programs has grown with the inclusion of programs like the Veterans Success Center, Young Collegians, STEM Learning and Leadership Innovation Center, the DREAM program in support of undocumented students, and the Guardian Scholars Program for foster youth.

Santa Monica College's academic excellence has always been driven by world-class faculty who teach here because they believe in the power of the student-teacher connection and in the transformative possibility of an equitable, accessible education. The college has consistently hired professors who are the best in their fields, and who have a demonstrated commitment to the community college mission. SMC's Center for Teaching Excellence — one of just a handful of such centers at community colleges — serves as a "pedagogical playground" where instructors can learn how to address the challenges of teaching in a multicultural and technology-driven world.

Today, Santa Monica College is accredited by the Western Association of Schools and Colleges (WASC) and offers courses in more than 100 fields of study. SMC is the Westside's leading job trainer and the nation's leader in transfers to the University of California system, including UCLA. Additionally, Santa Monica College's reputation for quality attracts students from more than 100 countries around the world, and the college ranks third in the nation for international students. Indeed, the saying remains true, that you can find the world at SMC.

Community Support

SMC ASSOCIATES

The Santa Monica College Associates was established in 1981 by a group of community leaders committed to SMC and its mission. The community-based support group promotes, fosters, and encourages educational, scientific, literary, and artistic endeavors at the College. Funds raised by the Associates are used to bring world-class guest speakers and special events to SMC to stimulate student excellence and enrich campus life. Membership in the SMC Associates is open to the public, and yearly membership contributions of \$100 or more are entirely tax-deductible. For more information, please visit the SMC Associates website at smc.edu/associates or call 310-434-4100.

GENERAL ADVISORY BOARD (GAB)

The Santa Monica College General Advisory Board is a College support group formed to build a bridge to the local community, and gather feedback about what the College does well, and what the College could do better. The group is composed of diverse representatives from neighborhoods, businesses, and public and private agencies. GAB members serve at the invitation of the SMC Board of Trustees, the President of the College, and the Dean of Community and Academic Relations.

Through regular meetings, the GAB is kept informed about current offerings, future plans, and special events. General Advisory Board members also have the opportunity for informative exchanges with College leadership in an informal setting, as well as in-depth discussions with key staff in various SMC departments and programs. More information about the General Advisory Board is available by visiting smc.edu/GAB or calling 310-434-4100.

SANTA MONICA COLLEGE FOUNDATION AND ALUMNI RELATIONS

Santa Monica College Foundation attracts and manages donations and strategic partnerships to invest in the success of SMC students who come from diverse local and global communities. The Foundation connects individual and corporate donors, philanthropists, and community supporters with opportunities to effect true change at a world-class educational institution where equity, access, and excellence come together.

The Foundation distributes upwards of \$1.1 million in scholarships annually, and manages \$33 million in donated funds to benefit a wide range of SMC academic programs, named scholarships, and endowments. SMC Foundation is an IRS-recognized 501c3 organization (ID# 95-6047779). Donations are tax deductible, and the Foundation welcomes investment of many kinds, including bequests and estate gifts, stocks and securities, vehicles, donor-advised funds, and corporate sponsorships.

Ways to Invest and Get Involved:

- **SMC Alumni.** Whether students have taken just one class or completed an Associate degree, they can join the remarkable community that is SMC Alumni. Students who join will receive updates on SMC and fellow alum — "where are they now" — as well

as invitations to special events and donation and involvement opportunities throughout the year. To join, visit santamonicacollegefoundation.org or call 310-434-4215.

- **SMC Associates** brings renowned speakers and performances as well as unique experiences to SMC students and our larger community, both online and in-person, free of charge thanks to donations.
- **Scholarships**, ranging from \$1,000 to \$30,000, can be created and named in honor of a loved one, favorite professor or to celebrate a special occasion. Donors will know who they have helped with their SMC Scholarship through thank you letters from their student recipients.
- **Meal Project** provides assistance to students struggling with food insecurity. 54% of SMC students are food insecure, according to a recent research survey in which SMC participated. SMC Foundation's Meal Project provides fresh, nutritious meals as well as groceries through a drive-through campus food pantry.

More information and ways to support any of these initiatives can be found at santamonicacollegefoundation.org, by sending email to foundation@smc.edu, or by calling 310-434-4215. Donations to Santa Monica College Foundation are tax-deductible. SMC Foundation is an IRS-recognized 501c3 organization, ID# 95-6047779.

Admission and Attendance Information



Eligibility

ADMISSION ELIGIBILITY FOR CREDIT PROGRAMS

Students eligible for regular admission to Santa Monica College must be 18 years of age or older or must possess either: (1) a high school diploma from a U.S. regionally accredited or from a foreign high school; (2) a GED; (3) a California High School Certificate of Proficiency (CHSPE); or the equivalent (i.e., a HiSET score report; a TASC [Test Assessing Secondary Completion] score report). Any apprentice, as defined in Labor Code Section 3077, or any other person who is over 18 years of age who, in the judgment of the Dean of Enrollment Services, is capable of profiting from the instruction offered at the College may also be admitted.

A student under the age of 18 who has completed high school from a U.S. regionally accredited or foreign high school or who possesses a GED or a California High School Certificate of Proficiency or the equivalent, may be admitted as regular students, but must submit official proof of completion to Admissions & Records in order to remove the "Under 18" years of age hold from the student's record.

SMC will not accept the CHSPE, HiSET, TASC, or GED diploma without the score report.

Students who have completed 8th grade and are at least 13 years of age or who are currently attending high school may be admitted to Santa Monica College as part of the High School Concurrent Enrollment program and receive credit for SMC courses. Students may only attend on a less than full-time basis. For further information, refer to smc.edu/hsce or visit the Admissions Office.

Each student applying for admission or enrollment is classified as a "resident" or a "nonresident" for purposes of admission and/or tuition. Please see the Residency information below for important details regarding California residency requirements and how they apply to students attending Santa Monica College.

ADMISSION ELIGIBILITY FOR NONCREDIT PROGRAMS

Students eligible for admission to noncredit programs must be 18 years of age or older or must possess a high school diploma from a U.S. regionally accredited or foreign high school, a GED, California High School Certificate of Proficiency, or the equivalent (see above). A student seeking to enroll exclusively in noncredit courses, such as career development and college preparation courses, may be admitted to SMC once a noncredit application is completed. These students are not subject to the residency determination requirements of students enrolling in credit programs/courses. Students with F-1/F-2 status may not be admitted to noncredit programs. Students residing outside California are ineligible for enrollment in noncredit programs.

ADMISSION OF F-1 AND F-2 STATUS STUDENTS

Applications will be accepted from those who wish to enter Santa Monica College with an F-1 or F-2 status. F-1 and F-2 students will be admitted for all terms. F-1 students are required to enroll in credit programs of 12 or more units in the fall and spring semesters. F-1 students admitted for

winter or summer sessions must enroll in 4 or more units their first term. F-2 students are limited to enrolling on a less than full-time basis. Neither F-1 nor F-2 students may enroll in noncredit courses.

Residency

The following is a summary of Santa Monica College's residency rules and their exceptions. Students who need more detailed information should visit the Residency webpage ([go to *smc.edu/residency*](http://go to smc.edu/residency)), see the College Policies section of the Schedule of Classes, or contact a residence specialist in Admissions & Records.

RESIDENCY REQUIREMENTS

To establish residency, a student needs to meet the three conditions below, subject to verification by submitting required proof as noted in the "Acceptable Proofs of California Residence" section. The burden of proof to demonstrate legal status, physical presence, and intent to establish residency in California is on the student (EC 68041).

1. Legal status that permits the establishment of domicile in the United States. Essentially, student must be a U.S. citizen, permanent resident, eligible temporary resident, hold an eligible visa, etc. Legal status must be sustained for at least one year plus one day prior to the start of the academic term for which the student was admitted. This date is known as the "Residency Determination Date" (Title 5 § 54045).
2. Physical presence is proved by being physically and continuously present in California for one year plus one day prior to the start of the academic term (the Residency Determination Date). (Title 5 § 54020 and § 54022).
3. Intent to establish residence is proven by providing evidence demonstrating intent to make California a permanent home of residence (see "Acceptable Proofs of California Residence" section below). Taking any of the following actions (not an exhaustive list) demonstrates a lack of intent to make California a permanent home of residence: filing or paying taxes in another state or country as a resident of that state or country; filing for divorce or a lawsuit in another state; paying resident tuition in another state; registering to vote or voting in another state. Moving to California for educational purposes alone does not grant residency (Education Code, § 68062(d)).

RESIDENCY PROVISIONS

- Each person applying for admission to, or enrolled in, a California Community College is classified for tuition purposes as either a "resident" or a "nonresident" of the State of California.
- A "resident" is defined as a citizen of the United States or a person who holds a status that allows him or her to establish residency in the United States for a minimum of one year and one day, who has proof of physical presence in the State of California for one year and one day PRIOR TO the start of the semester for which California residency is being claimed, and who presents evidence of intention to make California his or her permanent home. Dates on any

documentary evidence should correspond to dates of physical presence in California.

- A “nonresident” is a person who does not meet the residency requirements of the State of California or who is a citizen of a foreign country and holds only temporary status in the U.S.
- A student classified as a resident will be admitted to the College and be exempt from paying nonresident tuition. Enrollment fees still apply.
- A student classified as a nonresident is required to pay a tuition fee *in addition to the* enrollment fee. A student classified as a nonresident, with an out-of-status citizenship, and/or a nonresident U.S. citizen who attended three years and graduated from a California high school may apply for nonresident tuition exemption. An official, sealed transcript must be submitted with the exemption form.
- All nonresident students between the ages of 19 and 23 (inclusive) requesting reclassification to resident status must submit a petition for change of residency status (Residency Questionnaire, obtained from smc.edu/residency or from a residence specialist in the Admissions Office), show proof of financial independence, provide documents that show the students were not claimed as dependents for income tax purposes by their parents in the past year, and present evidence of intent to establish California as their place of residence. Please visit the Residency website at smc.edu/residency for helpful tips on establishing California residency.

RESIDENCE OF AN ADULT

A student who is 19 years of age or older and who has lived in California continuously for the last two years shall be presumed to have the intent to make California his or her home.

A student under 19 years of age shall be presumed to have the intent to make California his or her home if both the student and his or her parent(s) or legal guardian(s) have lived in California continuously for the last two years.

A student who is 19 years of age or older applying for admission who has less than two years, but more than one year, of residence in California should be prepared to show proof of residence. Examples of evidence that aid the College admissions officer in identifying intent include, but are not limited to, those noted in the “Acceptable Proofs of California Residence” section below.

Acceptable Proofs of California Residence

All students requesting reevaluation of their residency status must submit a Residency Questionnaire online at smc.edu/residency and submit as many documents as necessary to prove California residency to Admissions Office. Documents submitted for consideration must be dated at least one year and one day prior to the Residency Determination Date for the term for which resident status is sought. The Residency Determination Date is the day before the term begins. Acceptable proofs of residency are included in the Residency Questionnaire. Santa Monica College reserves the right to request additional documents when those presented do not sufficiently demonstrate legal

status, physical presence, intent, and/or financial independence (as relevant).

RESIDENCE OF A MINOR

Unmarried minors (those younger than 18 years of age) are, by law, incapable of establishing their own residences, notwithstanding their physical presence within California. The Admissions Office will use the following guidelines for determining a minor’s residence:

- A minor’s residence is the residence of the parent or legal guardian with whom the minor is living;
- If the minor is not living with a parent or legal guardian, then the residence of the parent or legal guardian with whom the minor last lived will be the residence of the minor.

When the residence of a minor student is derived from the parent or legal guardian, the durational requirement (one year in California) must be met by the parent or guardian, but is not required of the student.

A minor whose parents are not living and who does not have a legal guardian may establish his or her own residence.

EXCEPTIONS

Exceptions to the above guidelines will be made under certain circumstances as prescribed by California law and outlined in Administrative Regulation 4110 Residency Determination. See smc.edu/AR4000StudentServices for details.

VACA EXCEPTION (VACA H.R. 3230)

According to the Veterans Access, Choice, and Accountability Act (VACA H.R. 3230), a “covered individual” is defined as:

1. A veteran who lives in the state in which the institution of higher learning is located (regardless of his/her formal state of residence) and enrolls in the school after discharge from a period of active-duty service of 90 days or more. [Effective August 1, 2021, the requirement to enroll within three years after discharge is removed, per SB 701.]
2. An individual who is entitled to rehabilitation under 38 U.S.C 3102(a).
3. A spouse or child entitled to transferred education benefits who lives in the state in which the institution of higher learning is located (regardless of his/her formal state of residence) and enrolls in the school within 3 years of the transferor’s discharge from a period of active-duty service of 90 days or more.
4. A spouse or child using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (provides Post-9/11 GI Bill benefits to the children and surviving spouses of service members who died in the line of duty while on active duty) who lives in the state in which the institution of higher learning is located (regardless of his/her formal state of residence) and enrolls in the school within three years of the Service member’s death in the line of duty following a period of active-duty service of 90 days or more.

5. After expiration of the 3-year period following discharge or death as described in 38 U.S.C. 3679(c), a student who initially qualifies under the applicable requirements above will maintain “covered individual” status as long as he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the institution, even if the student enrolls in multiple programs, and shall continue to be exempt from paying nonresident tuition and other fees.

CALIFORNIA NONRESIDENT TUITION EXEMPTION

Any student, other than one with United States Citizenship and Immigration Services (USCIS) **nonimmigrant** visa status (see exception below for students who have been granted T or U visa status), who meets all of the following requirements, shall be exempt from paying nonresident tuition (this exemption is often referred to “AB 540” after the Assembly Bill which enacted the exemption):

- A student is exempt from paying nonresident tuition if the student meets all of the following four requirements:
 1. The student must have:
 - Attended a combination of California high school, adult school, and California Community College for the equivalent of three years or more, or
 - Attained credits earned in California from a California high school equivalent to three or more years of full-time high school coursework and attended a combination of elementary, middle and/or high schools in California for a total of three or more years, and
 2. The student must have:
 - Graduated from a California high school or attained the equivalent prior to the start of the term (for example, passing the GED or California High School Proficiency exam), or
 - Completed an Associate degree from a California Community College, or
 - Completed the minimum requirements at a California Community College for transfer to the California State University or the University of California, and
 3. The student must register as an entering student at, or current enrollment at, an accredited institution of higher education in California, and
 4. The student must file an affidavit with the college stating that if the student is a non-citizen without current or valid immigration status, the student has filed an application to legalize immigration status, or will file an application as soon as the student is eligible to do so.
- Students who are nonimmigrants who are victims of trafficking, domestic violence, and other serious crimes who have been granted T or U visa status, under Title 8 of the United States Code §§ 1101(a)(15) (T) or (U) are eligible for this exemption.
- Students who are nonimmigrants, other than those with T or U visa status as noted above, [for example,

those who hold F (student) visas, B (visitor) visas, etc.] are not eligible for this exemption.

- A year’s equivalence at a California Community College is a minimum of 24 semester units of credit or 36 quarter units of credit. For noncredit courses, a year’s attendance is a minimum of 420 hours, 210 hours for a semester, and 140 hours a quarter.
- The accumulation of credit and/or noncredit in any academic year shall be calculated in reference to a year’s equivalence. Partial completion in an academic year is allowed. (Example: 12 units of credit courses in an academic year is equal to a semester for purposes of determining eligibility.)
- Attendance in credit courses at a California Community College toward the attendance requirements shall not exceed two years of full-time attendance.
- The student must file an exemption request including a signed affidavit with the college that indicates the student has met all applicable conditions described above. Student information obtained in this process is strictly confidential unless disclosure is required under law.
- Students eligible for this exemption who are transferring to another California public college or university must submit a new request (and documentation if required) to each college under consideration.
- Nonresident students meeting the criteria will be exempted from the payment of nonresident tuition, but they will not be classified as California residents. They continue to be “nonresidents.”
- The California Dream Act extends Cal Grant A and B Entitlement awards, Cal Grant C awards, the California College Promise Grant, and institutional financial aid to students that meet these criteria as well as the applicable criteria for eligibility for specific types of financial aid.
- AB540 does not provide federal student financial aid eligibility for undocumented students. These students remain ineligible for federal financial aid.

SELECTIVE SERVICE NOTICE TO MALE STUDENTS

Federal law requires men age 18-25 to be registered with the Selective Service System (SSS) if they are US citizens or immigrant aliens (international students who hold valid student visas are exempt from this requirement). Men must be registered before they can receive federal or state financial aid (including loans and grants) for their education. Registration forms are available online at sss.gov and at any post office.

Steps to Become an SMC Student

To become an SMC student requires being admitted to SMC, completing some processes, and enrolling in classes. Details are provided below. Students can also access SMC’s

chatbot Pearl, which helps answer questions about admission, enrollment, class scheduling, counseling, financial aid, parking, and more. Students can find Pearl on select SMC webpages, through the SMC GO app, by texting “Hi” to 310-807-2262, and on the official SMC Facebook and Twitter feeds.

APPLY FOR ADMISSION

A student must apply for admission if the student has never attended Santa Monica College (New Student), or the student has been away from SMC for two or more consecutive semesters (Returning Student), or the student applied for a previous term but did not enroll. The application — available online at smc.edu/apply — provides the College with information that satisfies State registration requirements and initiates the education planning process. New students are strongly encouraged to arrange for official transcripts from the high school(s) and college(s) they have previously attended to be sent directly to the SMC Admissions Office (1900 Pico Blvd., Santa Monica, CA 90405). New first-time college students enrolling in more than six (6) units are also required to complete the placement process for English (or ESL) and for math (go to smc.edu/successcenter for details). Transcripts from previous schools and placement results will be used by counselors to create an education plan for students and to assist them in scheduling classes.

A student who has attended SMC within the past two semesters (Continuing Student) does NOT need to reapply for admission.

Students who have been away from SMC for two or more years will lose access to the Corsair Connect student portal, and will be unable to retrieve unofficial transcripts. Students may regain access by reapplying for admission.

High School Concurrent Program

Students who have completed 8th grade and are at least 13 years of age, or who are currently attending high school may attend Santa Monica College and receive credit for SMC courses. For further information, refer to smc.edu/hsce or visit the Admissions Office.

Former SMC Students

Students in good standing: Former SMC students who were in good standing at the time they left the College and have been away for two or more consecutive semesters must follow the same admission procedures as new students.

Disqualified students: Students who have been disqualified (dismissed) from Santa Monica College for poor academic performance or unsatisfactory progress **and who have been away from SMC for one semester or less** must complete and submit a “Petition for Returning Students.” Students who petition for reinstatement to SMC may or may not be allowed to return, depending on reinstatement guidelines. To file the reinstatement petition, students must go to smc.edu/apply and click on the “Returning Students” link, then on “Petition for Reinstatement.” A confirmation message will appear once the petition is successfully completed and submitted, and the petition will be saved in the Corsair Connect account. To have a reinstatement petition reviewed and processed, a student **MUST** meet with a counselor. The counselor will determine whether reinstatement is possible and what conditions the

student must meet in order to enroll at SMC. The counselor will also specify how many units the student may enroll in, up to a maximum of 6 units per academic semester.

Disqualified students **who have been away from SMC for two consecutive semesters (one year) or longer** must file BOTH an SMC Admission Application and a ‘Disqualified Student Petition for Reinstatement.’ Students may go to smc.edu/apply to complete and file both of these. Detailed instructions and the steps for completing and filing the forms are listed under “Admission/Readmission of Disqualified Students” in the Academic and Progress Probation and Disqualification Policies section of this catalog, as well as in the Admission section of the Schedule of Classes.

Students who were disqualified from another college should email a legible copy of their unofficial transcripts to readmit_committee@smc.edu and include their full name and SMC ID number. PLEASE NOTE: The reinstatement process will NOT continue OR be complete until all transcripts are received. After a student’s transcripts are received, an SMC counselor on the Readmission Committee will review the petition and email the decision — along with any further instructions — to the student’s SMC email account. Once students are readmitted, their OFFICIAL transcripts must be **sent directly by the previous college(s)** to Santa Monica College, ATTN: Admissions, 1900 Pico Blvd., Santa Monica, CA 90405-1628.

Students who have been disqualified from SMC **more than once** will be required to take a break from attending SMC for a period ranging from one semester (after a second disqualification) up to a maximum of one year (after a third disqualification).

Please see smc.edu/DQProbationPolicies for information on other requirements for disqualified students seeking admission/readmission to SMC.

International Students

SMC’s International Education Center welcomes applications from international students who wish to attend Santa Monica College. More than 2,000 international students from more than 90 countries are currently enrolled at the College. SMC offers a number of distinct advantages to international students beginning their university education in the United States. As the leading community college in California, Santa Monica College transfers the most students to the University of California system. SMC also offers a lower tuition cost than many other colleges and universities offering comparable educational programs. Finally, SMC provides a highly accessible and supportive learning environment.

The College defines an “international student” as a student who is admitted to the United States with an F-1 or F-2 Visa status to attend SMC. Students with other types of visas (not F-1) may enroll through the Admissions Office. Students who are currently on a B Visa are not permitted to enroll until they have changed to F-1 or another status with education privileges.

To be accepted at SMC, an international student must:

- Be at least 16 years old by the first day of classes (NOTE: Students who are 16 or 17 years old must be high school graduates);

- Provide proof of English proficiency (for a list of tests and other ways to prove proficiency, go to smc.edu/international);
- Submit a completed International Student Application for Admission to SMC;
- Submit a 500-word autobiographical essay describing the student's reasons for applying to SMC;
- Submit a financial statement proving ability to meet education expenses of being a student (see smc.edu/international for requirements); and
- Submit official transcripts and a nonrefundable application fee. Transferability of coursework from other institutions will be reviewed after a student has been admitted to Santa Monica College.

Students who do not have the required English proficiency are encouraged to apply to SMC's Intensive English Program.

The International Student Application for Admission to SMC is available online (smc.edu/iapp).

In order to maintain their F-1 visa status, all international students accepted at Santa Monica College MUST enroll in AND complete a course load in the fall and spring semesters of twelve (12) or more units, which may include only ONE online class of 3 or fewer units. Summer and winter sessions are optional for continuing students. International students who choose to begin their studies during a summer or winter session must enroll in and complete a minimum of four (4) units during that first session. In addition, international students **must** take Counseling 11 (Orientation to Higher Education for International Students) **during their first semester at SMC**, and may be required to take special English as a Second Language (ESL) classes.

All students accepted for admission must participate in an information seminar before the semester begins and complete the Guided Self Placement for English and Math to determine the most appropriate English and math class for placement. Students must also participate in a group counseling session. Students whose English skills are below university level are placed in academic ESL classes while they are taking other courses, such as mathematics and computer science.

Veterans

Santa Monica College is approved as an institution for higher learning for veterans and veterans' dependents entitled to education assistance from the Veterans Administration (VA). The College cooperates with the VA in helping veterans. Veterans are urged to take advantage of the many student support services and educational programs offered by Santa Monica College. SMC offers academic, career, and transfer counseling, as well as priority enrollment, tutoring, and other services to support veterans in achieving their education goals.

To receive VA education benefits, students must be determined to qualify for benefits *by the Veterans Administration*.

Students receiving VA education benefits should see the Veterans Counselor **before enrolling in any classes**.

To secure full VA education assistance benefits under Title 38, United States Code, students must comply with Veteran Regulations §§ 21.4135, 21.4235, and 21.4277 regarding

the attendance and progress requirements they must meet. For example, VA regulations not only require students receiving VA education benefits to meet the same academic standards as all other students at SMC, but also place certain restrictions on those students. Students who fail to achieve a semester grade point average of 2.0 will be placed on academic probation. After two semesters on academic probation, students may lose their VA education benefits. For additional details about benefits under Chapters 33 and 35 of the GI® Bill, please visit the Veterans Success Center or see the VA website (gibill.va.gov).

Information on the services the Veterans Success Center offers can be found in the Programs and Services section of this catalog, in the Campus Services section of the Schedule of Classes, and online at the Veterans Success Center website (smc.edu/vet).

Eligible nonresident veteran students may qualify for residency fees. See VACA Exception heading in the Residency section above for details.

Students with Disabilities

Printed SMC materials are available in alternate media upon request. To request publications in alternate formats for disability accommodation, send e-mail to dsp@smc.edu or call 310-434-4265. The information contained in this catalog is also available online (go to smc.edu/catalog).

Students who wish to use the specialized counseling services provided through the Center for Students with Disabilities should call 310-434-4265 before they start admission procedures.

Information on the services the Center for Students with Disabilities offers can be found in the Programs and Services section of this catalog and the Schedule of Classes, and online at the Center for Students with Disabilities website (smc.edu/disabledstudent).

English, ESL, and Math Placement

Assembly Bill 705 (AB 705) gives students the right to access transfer-level coursework in English and math, and credit courses in English as a Second Language (ESL) that lead to English 1. This applies to current and returning students, as well as students who may have started in a basic skills sequence, but never completed it.

AB 705 requires California Community Colleges to help students enroll in and complete transfer-level coursework in English or ESL and math in a timely manner, which is within one year for English and math, and within three years if the student starts with ESL.

Standardized assessment tests are no longer required. Students will be placed in English (or ESL) and math based on prior coursework completed in high school or through a guided self-placement, depending on when and where the student completed the coursework.

Students who have completed the 12th grade or graduated high school in the U.S. in the last 10 years:

- Students will be placed using "multiple measures" that include their high school GPA, courses, and grades reported on their CCCApply admission application.

- Students may review their placement by activating and logging into their Corsair Connect account at smc.edu/cc, clicking the “Placement” tab, and following the instructions on the screen. Students who do not see courses listed are missing some necessary information on their SMC admission application and should consult a counselor. Students may also complete the “guided self-placement” process by following the instructions on the screen.

Students who graduated high school in the U.S. more than 10 years ago or graduated high school in another country:

- Students will be placed using “guided self-placement,” a set of online tools that help evaluate how prepared students are with the skills they are expected to have before starting a particular math, English, or credit ESL class. To be guided to the best class for their needs, it is important that students read everything presented to them carefully, and that they answer honestly.
- Students may access the guided self-placement tools by activating and logging into their Corsair Connect account at smc.edu/cc, clicking the “Placement” tab, and following the instructions on the screen.

Students should plan on completing their math and English placements together. Students may take each guided self-placement only one time.

Please note: The math self-placement presents six (6) options based on a student’s academic and career path or the course the student is interested in taking. If a student is not sure which option to choose, the student should check with a counselor. Students may take any of the math guided self-placements only one time.

About English, ESL, and Math Placements

For English, depending on their placement, students will start in one of two ways: (a) directly in English 1, a transfer level course; or (b) directly in English 1 paired with English 28, a supporting course. In some instances, students may also be encouraged to take another reading or grammar supporting course.

Some students may need to be placed in selected ESL courses. Depending on their placement, they will start with one of the following courses: ESL 10G and ESL 10W, ESL 11A, ESL 19A, ESL 19B, or English 1. ESL 19A, ESL 19B, and English 1 are CSU/UC transferable courses.

For math, depending on their placement, students will start in one of two ways: (a) directly in a transfer-level math course; or (b) directly in a transfer level math course paired with one supporting course. Students also have the option to enroll in other support pre-transfer level courses.

Is Placement Required?

Completing the placement process in English or ESL and in math is mandatory if a student is:

- A first-time college student enrolling in more than six units during the first semester at SMC; or
- A continuing student who has not completed the placement process; or
- Enrolling in an English, ESL, or math course for the first time (even if not a first-time college student); or

- Enrolling in courses with required English or math preparation (prerequisites).

Based on multiple measures used as part of the placement process, students will receive an English, ESL, or math placement recommendation.

Placement Exemptions & Placement and Prerequisite Waivers

Santa Monica College provides placement recommendations and prerequisite waivers to students on the basis of their past college coursework. For example:

- Students may be exempt from the English or ESL placement process if they have completed a college-level English or ESL composition course with a grade of C (2.0) or better;
- Students may be exempt from the math placement process if they have completed a college-level math course with a grade of C (2.0) or better;
- Students may be exempt from selected English or math prerequisites if they have completed applicable college-level courses with a grade of C (2.0) or better (or P, if they took the courses on a P/NP basis) and the courses are equivalent to SMC courses that recommend English or math preparation;
- Students may be exempt from assessment or from selected prerequisites if they have completed applicable college-level courses with a grade of C (2.0) or better (or P, if they took the courses on a P/NP basis) and the courses are equivalent to SMC courses that require or recommend the assessment of skill levels;
- Students may be exempt from the placement process or may receive waivers for selected prerequisites if they received a particular score on an applicable College Board AP test (see Waivers Based on Advanced Placement Exam Results, below).

For detailed instructions on how to obtain a waiver or request an exemption, students should visit smc.edu/waivers and then consult with a counselor in the General Counseling & Transfer Services. Prerequisite waiver requests are reviewed on an individual basis.

PLEASE NOTE: Students who may be exempt from the placement process still must successfully complete — or receive waivers for — any prerequisite courses (or their equivalent) that are required for classes in English (or ESL), math, Anatomy 1, Biology 21/22/23, Chemistry 11/12/21/22/24, Film 31/32/33/34, Microbiology 1, Nursing 17, Physics 7/9/22/23/24, and Physiology 3 (among other courses). Students should consult a counselor in the General Counseling & Transfer Services for further information. Courses in other disciplines may first require the completion of a prerequisite course in that discipline. Placement/prerequisite waivers may be requested directly from the department chair in that discipline, as required.

Waivers Based on Completed Coursework

Placement recommendations and permits to enroll in selected English, ESL, math, chemistry, life sciences, and physics courses may be issued to students if they have completed a relevant college-level course with a grade of C (2.0) or better.

Students seeking a placement waiver for selected English, ESL, and math courses, as well as Chemistry 11 or Anatomy 1 should take a copy of their college transcript and course description to General Counseling & Transfer Services. A counselor will evaluate the course in question and, if appropriate, issue a waiver.

Students seeking a placement waiver for selected English, ESL, and math courses, as well as Chemistry 11 or Anatomy 1 should take a copy of their college transcript and course description to General Counseling & Transfer Services. A counselor will evaluate the course in question and, if appropriate, issue a waiver.

Students seeking a waiver to repeat a course at Santa Monica College due to a substandard grade (i.e., F, D, NC, NP) or a W, MW, or FW from another institution must demonstrate that the relevant prerequisite for that course was completed successfully.

Waivers Based on Advanced Placement Exam Results

College Board Advanced Placement test results may be used to determine the eligibility of students for English, math, and chemistry courses. Students must bring their original AP test results to the Success & Engagement Center or to General Counseling & Transfer Services. Placement/prerequisite waivers will be issued under the following conditions:

- A score of 3, 4, or 5 on the AP English Language & Composition or Composition & Literature exam will qualify students for English 2 and give 3 units of credit for English 1;
- A score of 3, 4, or 5 on the AP Statistics exam will give 4 units of credit for Math 54 [Note: A placement waiver for Math 54 only may be issued if a student wishes to enroll in Math 54 and the student has NOT been granted AP Statistics credit at SMC. Duplication of course credit (Advanced Placement and SMC coursework) will not be permitted.];
- A score of 3 on the AP Calculus AB exam will qualify students for Math 7 and give 5 units credit for Math 2;
- A score of 3 on the AP Calculus BC exam will qualify students for Math 8 and give 5 units credit for Math 7;
- A score of 4 or 5 on the AP Calculus AB exam will qualify students for Math 8 and give 5 units credit for Math 7;
- A score of 4 or 5 on the AP Calculus BC exam will qualify students for Math 10/11/13/15 and give 5 units credit for Math 8; and
- A score of 3, 4, or 5 on the AP Chemistry exam will qualify students for Chemistry 11 and give 5 units credit for Chemistry 10 (no lab requirement met).

It is VERY IMPORTANT for students to have their AP scores evaluated by a Santa Monica College counselor. The evaluation will determine whether the scores are transferable and — more importantly — will help determine whether they satisfy a requirement relevant to the student's education goals. While students can sometimes receive an immediate evaluation and decision from a counselor, the evaluation process can take 5-10 days for a decision. **To avoid taking classes they don't need, students should start the AP score evaluation process with a counselor AS SOON AS POSSIBLE.**

Chemistry 10 Challenge Exam

Before enrolling in Chemistry 11, a student must either satisfactorily complete Chemistry 10 or pass the Chemistry 10 Challenge Exam. Please see the Success & Engagement Center webpage (smc.edu/successcenter) for testing hours and other information.

Math Proficiency Assessment (MPA)

All students who wish to earn an Associate degree must demonstrate proficiency in written communication and mathematics. Mathematics proficiency is demonstrated by:

1. Completing a required eligible math or other course (see SMC Associate degree General Education requirements for specific courses) taught at an accredited college; or by
2. Completing the SMC Mathematics Placement process or passing the math proficiency test administered by the Success and Engagement Center and completing an eligible rationality course (see SMC Associate degree General Education requirements for specific courses).

To take the Math Proficiency Assessment, a student must first complete a minimum of 30 units of classes that meet Associate degree requirements. The Success & Engagement Center will verify this at the time the student goes to take the MPA by reviewing the number of completed cumulative units indicated on the student's SMC transcript. If a student has attended another college and will be using units from that college to meet the 30-unit requirement, it is the student's responsibility to inform the Success & Engagement Center and provide us with a valid transcript. The Math Proficiency Assessment is given during normal testing hours on a first-come, first-served basis only. Students must present a valid photo ID and SMC student ID number to take the MPA. Please visit the Success & Engagement Center webpage (smc.edu/successcenter) for information on the Math Proficiency Assessment contents and a study guide.

The Mathematics Proficiency Assessment may be retaken ONE time only, after a waiting period of two (2) weeks after the student first took the MPA. Additional retesting will **not** be provided under any circumstances. Students should be sure to review and prepare for the MPA.

Retesting Policy

Students may retest in ESL and chemistry after a waiting period of two (2) weeks from the date they first took the test. After that, they are permitted to retest once each calendar year, but only if they have **not** started taking courses in the relevant subject. Students who enroll in any of those courses will forfeit their chance to retest. For the Math Proficiency Assessment, students may retest ONE time only after a waiting period of eight (8) weeks. See the Math Proficiency Assessment (MPA) section above for details.

Expiration of Challenge Exam Scores

All challenge exam results are valid for two calendar years. Students should make sure they enroll in the courses their results qualified them for **before** the results expire. Once the results have expired, students will be blocked from enrolling in those courses and will need to take another challenge exam.

Identification Card Policy

A valid form of photo identification issued by a government agency (e.g., a passport, driver license, military I.D.), financial institution, or high school is **REQUIRED** for testing. The Success & Engagement Center also reserves the right to request a secondary form of I.D. A student I.D. card may be used **ONLY** as a secondary form of identification. **PLEASE NOTE:** All acts of impersonation, attempted impersonation, and/or the use of fraudulent I.D. cards or passports will be reported to Campus Police and Student Judicial Affairs for review and adjudication. Campus Police will refer all such cases to the Santa Monica City Attorney's Office for criminal prosecution.

Orientation

To acquaint students with Santa Monica College's variety of programs, services, and activities, and to assist students in planning their educational endeavors, new students who intend to pursue a degree, Certificate of Achievement, transfer, or basic skills instruction are required to complete an Online Orientation program. Students can view the online program 24 hours a day, using any computer with a browser and Internet access (go to smc.edu/orientation for details).

The orientation program consists of several modules, and provides information on a wide range of topics, including:

- SMC's programs and services;
- How to obtain a Certificate of Achievement and/or an Associate or Bachelor degree;
- How to transfer to a four-year college or university;
- How to select first-semester courses;
- How to complete the enrollment process at SMC; and
- Strategies for becoming a successful student.

All first-time college students — as well as former SMC students who have been away from the College for four or more semesters — are required to complete the online orientation before they will be permitted to enroll in classes. Since the College's programs, policies, and procedures are subject to change without notice, continuing students are strongly encouraged to review the orientation at the start of each semester.

For additional information about the orientation process, students should contact a counselor in General Counseling & Transfer Services.

Counseling and MyEdPlan

Counseling

Santa Monica College provides counselors to assist students in sorting out and defining educational goals, then mapping out a plan to reach those goals. Counselors also recommend SMC student-support programs that can benefit students, help students who find themselves struggling to keep up with class requirements, and help students whose personal and/or school-related problems are interfering with their success and wellbeing.

All students are strongly encouraged to meet with a counselor when first arriving at SMC as a new student, and a meeting is also recommended at the start of each new academic term. *New students* should go to the Welcome Center, where they will find a wide variety of resources available. Assistance is offered on a first-arrival basis. During peak times, students should try to sign up in the Welcome Center before noon. More information about the Welcome Center can be found in the Special Programs and Support Services section of this catalog.

Any student may meet with a counselor at General Counseling & Transfer Services on a first-arrival basis at any time of year. During peak enrollment times, waits can be lengthy. During non-peak times, students may make half-hour counseling appointments by calling 310-434-4210. More information about General Counseling & Transfer Services can be found in the Special Programs and Support Services section of this catalog.

MyEdPlan

All first-time college students are required to complete an abbreviated or comprehensive education plan in order to enroll in courses their first term. Students are also required to complete a comprehensive education plan if they are students who will have either earned 15 degree-applicable units by the end of the term or will have completed a third semester (whichever comes first). Students can choose to complete their education plan with the help of a counselor, or they can go to smc.edu/myedplan and complete their plan on their own.

MyEdPlan — an award-winning education-planning tool that allows students to create and edit an education plan online at any time — helps students plan for courses in the future, stay aware of major/program/degree requirements, sequence courses to meet prerequisites and corequisites, and track the progress made toward meeting education goals. MyEdPlan also allows a student to submit an education plan directly to a counselor for review.

To find out more about MyEdPlan, students can go to smc.edu/ep to view a tutorial that prepares them to use the planning tool. Students may also sign up for an Online MyEdPlan Workshop by going to Corsair Connect (smc.edu/cc) and clicking on "Online MyEdPlan Workshops" in the "SMC Quick Links" menu on the left side of the screen. MyEdPlan "Planning Your Future" In-Person Drop-In Workshops are also offered (see smc.edu/ep for schedule).

Enroll

To enroll at SMC, students should start by going to smc.edu/EnrollInfo to get ready. Students can find a listing of Frequently Asked Questions and video tutorials on how to enroll and use various tools available to students at smc.edu/faq.

While students may enroll at any time after their enrollment date and time, they are encouraged to enroll as close to their assigned date and time as possible, since students who come after them in priority will quickly fill classes. Students may enroll in any class with space available until the evening of the second meeting if the class is less than 90% full.

All enrollment transactions at SMC take place online via Corsair Connect at smc.edu/cc. Students may enroll from any location with Internet access, as well as from any computer in the Admissions Office lobby, the SMC Library, or the Cayton Computer Lab (which requires a valid A.S. sticker and password).

To enroll in classes — as well as add or drop classes — students should go to Corsair Connect at smc.edu/cc and enter their username and password, then follow the instructions provided.

To confirm enrollment in the selected classes, students should click on “Transaction Receipt” in the menu on the left side of the screen, verify the information is correct, and print out a copy of the receipt. The printout is necessary to contest any discrepancies.

Additional enrollment details can be found in the “Enrollment” section of the Schedule of Classes.

ENROLLMENT PRIORITY

State and local regulations, combined with other factors, determine the order in which a student’s enrollment date and time are assigned. Details about this policy and the specific order of enrollment appointment assignment can be found at smc.edu/admissions. **Students may lose their priority enrollment status if they do not complete SMC’s placement process (smc.edu/placement), online orientation (smc.edu/orientation), or an abbreviated education plan (if a new or first-time-in-college student) or a comprehensive education plan (if a student who will have earned 15 degree-applicable units by the end of the term). Students may complete their education plans on their own (go to smc.edu/ep) or with the assistance of a counselor.** Students who are on academic or progress probation for two consecutive semesters/terms or who have accumulated excessive units or who owe fees from previous terms will also lose enrollment priority. Students who hold seats for others or who buy or sell seats in a class will lose all priority enrollment and be subjected to other disciplinary actions. For more information, students can refer to smc.edu/admissions (click on ‘Policies and Procedures Index’ under the Policies section).

Fees and Tuition

IMPORTANT: All fees are subject to change without notice. Fees published in this catalog were current at the time the catalog went to press. See smc.edu/fees for the latest details.

The California residency status of students determines whether they are required to pay tuition *in addition to* enrollment and other fees. See the Residency information above for details on residency.

ENROLLMENT FEE

ALL students — both resident and nonresident — enrolling in credit or graded classes must pay a State-mandated enrollment fee of \$46 per unit (*subject to change without notice*).

New students who are California residents and recent California high school graduates enrolling at SMC as full-time students are exempt from enrollment, Health Services,

Student Benefits, Associated Students Resource, and Student Representation fees, if they apply for and are awarded an SMC Promise Grant. NOTE: The SMC Promise Grant does NOT cover nonresident tuition or upper-division coursework fees. Program requirements must be met.

Second-year students who qualified for the SMC Promise grant in their first year, are California residents, and completed 12 or more units in both fall and spring semesters of their first year (or meet alternate unit completion criteria) may be exempt from paying enrollment fees as long as they enroll in and complete courses on a full-time basis in the fall and spring of their second year. Program requirements must be met.

Other continuing SMC students who are California residents may be exempt from paying enrollment fees (but not the fees below) if they file an application and qualify for a California College Promise Grant (CCPG). For more information about these grants and their eligibility requirements, visit smc.edu/financialaid or contact the Financial Aid Office before starting enrollment procedures. NOTE: The CCPG does NOT cover the Health Services fee, Student Benefits fee, Associated Students Resource fee, nonresident tuition, or upper-division coursework fees.

NONRESIDENT TUITION FEE

Students classified as NONresidents (including students who are citizens of a foreign country and hold only temporary resident status in the United States) are REQUIRED to pay tuition *in addition to enrollment and other fees*. Tuition for nonresidents is \$340 per semester unit (with \$46 enrollment fee, total is \$386 per semester unit). Tuition for students who qualify for an Assembly Bill 947 exemption is \$316 per semester unit (with \$46 enrollment fee, total is \$362 per semester unit). The mandatory tuition is subject to change without notice. See the residency requirements at smc.edu/residency or contact the residence specialist in the Admissions Office for AB 947 exemption details.

For more information about fees for nonresident students, contact the Cashier’s Office, Admissions Office, or International Education Center. To find current deadline dates for paying all fees or receiving refunds, students should check their class schedule at Corsair Connect (smc.edu/cc), consult the College Policies section of the Schedule of Classes, or see the Fees webpage (smc.edu/fees).

UPPER-DIVISION COURSEWORK FEE (B.S. IN INTERACTION DESIGN)

The mandatory upper-division coursework fee *for students pursuing the Bachelor of Science degree in Interaction Design* is \$84 per graded unit. This fee is IN ADDITION TO the \$46 per unit enrollment fee, for a total of \$130 per graded unit for students classified as residents. Students classified as nonresidents must pay the mandatory upper-division coursework fee of \$84 per graded unit *in addition to* the \$46 enrollment fee AND the \$340 tuition fee, for a total of \$470 per graded unit. Students who qualify for an Assembly Bill 947 exemption must pay the mandatory upper-division coursework fee of \$84 per graded unit IN ADDITION TO the \$46 enrollment fee AND the \$316 tuition fee, for a total of \$446 per graded unit. Please note that SMC Promise and California College Promise Grants do NOT cover upper-division coursework fees.

OTHER FEES

All students — both resident and nonresident — in credit or graded classes pay a \$57.50 fee during the fall and spring semesters (\$54.50 during winter and summer sessions). The fee includes \$23 (\$20 in winter and summer) for Health Services, \$22.50 for Student Benefits fee, \$10 for Associated Students Resource fee, and \$2 for the Student Representation fee. The Health Services fee is mandatory. The fees for the SMC Student Benefits, Associated Students Resource, and Student Representation are optional, but provide special benefits. Students wishing to opt-out of paying the Student Benefits and Associated Students Resource fees should email a request to cashier@smc.edu. **Students who qualify for the SMC Promise Grant are exempt from paying Health Services, Student Benefits, Associated Students Resource, and Student Representation fees.**

Health Services Fee

The mandatory fee of \$23 during the fall and spring semesters (\$20 during winter and summer sessions) provides a variety of health services to students. See the “Health Services Center” listing in the Special Programs and Support Services section of this catalog for details. Students who are exempt from paying the Health Services fee are:

- Students enrolled exclusively in noncredit or not-for-credit courses;
- Students who qualify for the SMC Promise Grant; and
- Students who declare through a personally signed statement that they depend exclusively on prayer for healing in accordance with the teachings of a bona fide religious sect (documentation of such an affiliation is required).

Students who are eligible for financial aid through the Financial Aid Office and who need assistance to pay this fee should contact the Financial Aid Office.

Student Benefits, Associated Students Resource, and Student Representation Fees

The Student Benefits \$22.50 fee supports campus technology and transportation options (including the free rides on the Big Blue Bus and free rides on Metro lines and trains, as well as a selection of rideshare and bike programs), the Associated Students Resource \$10 fee funds activities and services for SMC’s entire student body, and the Student Representation fee supports the efforts of student government representatives. All three fees are optional. Students who do not wish to pay the Student Benefits or Associated Students Resource fees should contact the Cashier’s Office at time of enrollment by sending email (with full name and SMC student I.D. number) to cashier@smc.edu. Students who wish to opt out of the Student Representation fee may do so through Corsair Connect (smc.edu/cc).

The optional \$22.50 Student Benefits fee supports access to technology (campus WiFi, computer lab, printing, Chromebook loan program), transportation options (Big Blue Bus free intercampus shuttle service, free Big Blue Bus rides, free rides on Metro lines, and selection of rideshare and bike programs), and the LiveSafe app.

The optional \$10 Associated Students (A.S.) Resource fee supports SMC’s many student clubs and other activities that foster academic achievement, campus life and social

events, campus sustainability programs, basic needs programs, and Cayton Center renovations.

The optional \$2 Student Representation fee, mandated by Assembly Bill (AB) 1504, provides support for student government representatives who may be presenting positions and viewpoints to representatives, offices, and agencies of local, district, and state governments. The fee is divided, with \$1 going to the Associated Students, and \$1 for use by the Student Senate of the California Community Colleges (SSCCC).

Students who qualify for the SMC Promise Grant are exempt from paying the Student Benefits, A.S. Resource, and Student Representation fees.

SMC Student I.D. Card

The SMC student I.D. card is a photo I.D. that offers a convenient way to check out materials from the SMC Library and access the campus tutoring labs and learning resource centers, as well as purchase discount tickets for selected student events or activities.

Students may obtain one SMC student I.D. card FREE of charge through the Cashier’s Office. Instructions on how to obtain a student I.D. card are available by sending email to cashier@smc.edu with “Student I.D.” in the Subject line.

If the SMC student I.D. card is lost, a replacement card may be purchased at the Cashier’s Office for \$20.

Materials and Supplies Fees

Some classes require additional fees for materials and supplies. Students should consult the class listings in the Schedule of Classes to determine whether any such fees are required. Fees for materials and supplies are not refundable.

ON-CAMPUS AND SATELLITE CAMPUS PARKING

NOTE: Parking at ALL lots remains FREE — with a virtual permit — until December 31, 2022. Students should visit smc.edu/parking for the latest details.

SMC uses a parking system that requires signing up for a virtual parking permit. Virtual parking permits (free and paid) can be obtained online at smc.edu/parking.

All SMC parking areas — even the free parking areas at the Bundy and Airport Arts campuses — require a virtual parking permit based on the vehicle’s license plate. Vehicles with license plates that have not been registered for a virtual parking permit will be subject to a parking citation.

Students who wish to use the on-campus parking facilities at the main SMC campus, the SMC Performing Arts Center, and the Center for Media and Design must purchase a virtual parking permit for \$93.50 for the fall or spring semester, or \$49.50 for the winter and summer sessions. The price includes the City of Santa Monica 10% parking facilities tax. Funds from parking fees are used to maintain and improve the parking facilities.

Fees for virtual parking permits vary according to the time of year, and discounts are available for students who receive a California College Promise Grant (CCPG) because they or their family receive benefits under CalWORKs/Temporary

Aid to Needy Families (TANF) or SSI/SSP (Supplemental Security Income) or General Assistance/General Relief.

Parking at the SMC Airport Arts and Bundy campuses is FREE for students attending classes there, but requires a virtual parking permit.

Parking at the SMC Bundy shuttle lot is FREE for SMC students, but requires a virtual parking permit. Student virtual parking permits are NOT valid for faculty/staff parking areas.

The display of a DMV accessible placard AND a license plate registered to a valid SMC virtual parking permit allows students to park in any accessible, student, or staff parking space.

Inter-campus shuttle service is FREE with a TAP card a student has registered with a new interagency transit pass. In addition, SMC students who have paid the Student Benefits fee can use the registered TAP card to ride ANY Big Blue Bus ANY time for FREE! SMC students can also use the TAP card to ride Metro buses and trains for free. Students who do not already have a TAP card can also request one. Students should see smc.edu/transportation for up-to-date details.

Cars with activated alarms in the SMC parking areas will be TOWED IMMEDIATELY at the car owner's expense.

The Schedule of Classes and smc.edu/transportation offer up-to-date information on parking requirements and fees, instructions on how to obtain a virtual parking permit in person or online, inter-campus shuttle information, and links to commuter bus schedules, route maps, and a variety of transportation options.

RETURNED PAYMENTS AND OUTSTANDING BALANCES

Returned checks and rejected credit card payments are subject to a fee of up to \$25 and are taken care of at the Auxiliary Services Office, located at 1738 Pearl St. An administrative hold will be placed on a student's records until the matter is resolved. A student who leaves SMC owing a balance and does not pay the amount owed will be responsible for paying all collection costs and/or attorney's fees. This debt may also be reported to all three major credit bureaus.

REFUNDS

Students may be eligible for a refund if they dropped a class by the "Refund Deadline" noted in their class schedule at Corsair Connect (smc.edu/cc). Additional information is available in the College Policies section of the Schedule of Classes. To process refunds, Santa Monica College has partnered with BankMobile. Details are available at smc.edu/bankmobile. Students should ensure their mailing address is up to date to prevent delays in receiving their refund.

Refund Schedules

If a student owes fees, the College will keep the amount owed and refund the difference to the student. This also applies to financial aid disbursements. Refunds take about two more weeks to arrive. Students should make sure their mailing address is up to date to prevent delays in receiving the refund. For students who have enrolled in a future term, any refund owed will be applied toward any fee owed for that term.

Students withdrawing before the refund deadline will receive a 100% refund of enrollment fees (minus a processing charge of \$10).

For questions concerning refunds, students should contact the Cashier's Office at cashier@smc.edu.

Refunds are processed approximately 45 days after the start of the term. Students should allow 1-2 weeks after the scheduled refund to receive their refund.

Summer session: Week 4

Fall semester: Week 5 and Week 11

Winter session: Week 2

Spring semester: Week 5 and Week 11

Withdrawal Refund Schedule

Enrollment Fee

No refunds of enrollment fees are available to students who paid enrollment fees and who withdraw after the posted refund deadlines. Each class has its own refund and drop deadlines, which are posted on each student's class schedule at Corsair Connect. Students who withdraw prior to this deadline will receive a 100% refund of enrollment fees, minus a processing charge of \$10. See the Fees webpage at smc.edu/fees for more information on withdrawal refunds.

Nonresident Tuition

Nonresident students who withdraw from Santa Monica College before the published refund deadline will receive a 100% refund of their nonresident tuition, minus any relevant processing fees. Students should apply for tuition refunds at the Cashier's Office.

Health Services, Student Benefits, A.S. Resource, and Student Representation Fees

Students who paid Health Services, Student Benefits, A.S. Resource, and Student Representation fees and who withdraw from Santa Monica College before the published refund deadline will receive a 100% refund of the \$23 Health Services fee (for fall or spring semesters; \$20 for winter or summer sessions), a 100% refund of the \$22.50 Student Benefits fee, a 100% refund of the \$10 A.S. Resource fee, and a \$100% refund of the \$2 Student Representation fee.

On-Campus Parking Permit Fee

Parking permit fees are not refundable after the first 10% of the term. To obtain the refund, a student must present the parking permit receipt at the Cashier's Office.

Student Equity and Achievement Program and Matriculation

Student success is the responsibility of the student and the institution, supported by well-coordinated and evidence-based student and instructional services to foster student academic success. The goal of the SMC Student Equity and Achievement Program is to increase California Community College student access and success through the provision of core matriculation services, including placement, orienta-

tion, counseling, advising, and other educational planning services to provide students with the support services necessary to assist them in achieving their education goal and identified course of study.

Following the submission of the admission application, all students will participate in the matriculation process unless specifically exempted from selected components of the process. Failure to fulfill the required components may result in a hold on a student's enrollment or loss of enrollment priority until the services have been completed. The matriculation components consist of Placement, Orientation, and Counseling/Advising/Other Educational Planning Services/Education Plan Development (collectively known at SMC as Counseling).

MATRICULANT STATUS

Matriculation status will be determined for all new students at the time they submit their application for admission to the College. Their status will be either "matriculant" or "exempt matriculant." Students are considered matriculants if they are enrolling at Santa Monica College for the first time and their goal is to earn a degree at SMC, transfer to a four-year college or university, complete a certificate, pursue basic skills instruction, or are undecided about their goal.

Any student who is exempt from placement, orientation, and counseling will still be given the opportunity to participate in these services. Exempt students may be subjected to the loss of priority enrollment.

Matriculant

After filing an application for admission to SMC, all students are required to participate in all parts of the matriculation process unless specifically exempted from particular components. Students who fail to complete required components will have their enrollment placed on hold or will lose their enrollment priority until the components have been completed. The matriculation components consist of placement, orientation, and counseling (which includes counseling, advising, and other education planning services and education plan development).

Students filing as matriculants must:

1. Complete the placement process for math and English or ESL, and if they wish to enroll directly in other courses with enforced prerequisites, complete the relevant challenge exam or prerequisite course(s);
2. Complete the orientation program provided online at smc.edu/orient to become familiar with the College and its programs;
3. Arrange for transcripts of previous college work (or high school transcript if they have no previous college work) to be sent to the Admissions Office; and
4. Create an education plan prior to enrollment and receive academic counseling about class selections.

New college students must complete these procedures before they will be permitted to enroll in classes, and are encouraged to make arrangements to have the appropriate transcripts from other institutions sent directly to the Admissions Office. Transcripts should be received by SMC at least four weeks before the start of the semester. New

applicants will receive a notice from the College specifying which matriculation steps are mandatory for them.

MATRICULATION PROCESS AND COMPONENTS

Orientation: Orientation informs students about the wide range of services and support that SMC provides, including academic counseling to help sort out education and career goals, health and psychological services, financial aid, scholarships, job referral services, tutoring services, and support programs for students with special needs. As a convenience for students, Santa Monica College provides its orientation program online, which may be accessed 24 hours a day at smc.edu/orient using any computer with Internet access.

Placement Process for of English, ESL, and math: To help students get the most out of their education goals, the College requires first-time college students to complete the placement process. All new students at SMC are required to undergo the placement process in these areas. Assessment in chemistry (by challenge exam) is required for students who wish to enroll directly into Chemistry 11, without taking the Chemistry 10 prerequisite course, and is also required for waivers of prerequisites for selected life sciences courses (see a counselor for details).

Santa Monica College provides an online process to assist students in selecting an education goal and developing a course of study to reach that goal. Students have an opportunity to develop education plans that are either abbreviated or comprehensive.

Abbreviated student education plans are one-to-two academic terms in length and designed to meet the immediate needs of students.

Comprehensive student education plans take into account a student's interests, skills, career and education goals, major, potential transfer institution(s), and the steps needed to complete the identified course of study. The comprehensive plan includes, but is not limited to, addressing the education goal and course of study requirements — such as the requirements for the major, transfer, certificate, program, and applicable course prerequisites or corequisites — as well as need for basic skills, assessment for placement results, and the need for referral to other support and instructional services when appropriate.

Santa Monica College requires that all matriculants develop an abbreviated education plan prior to enrollment in their first semester. After completing 15 degree-applicable semester units or prior to the end of their third semester, all matriculants are required to complete a comprehensive education plan.

Definition and development of education goals: While some students arrive at Santa Monica College with a very clear and firm idea of what their education goals are, most have several different areas they wish to explore or pursue, and others have no particular direction at all, often because they have too many different interests.

- **Students who are focused on a specific education goal and wish to pursue it in the most direct way possible:** These students design a study program that leads directly to their transfer to a four-year institution to pursue a specific major, or to their Associate degree, or to their certification in a vocational or occupational field.

- **Students with a variety of interests to explore before settling into one particular field:** Many students fall into this category. As they learn more about particular fields of study and their own capabilities in those fields, they become able to sort through their interests and eventually focus on a particular program of study.
- **Students truly undecided about what education goals to pursue:** These students need help to sort out their values, interests, and how their education will contribute to their life and future career.

Academic counseling: The College provides a professional staff of academic counselors to help students identify their education plan and how to pursue it. Counseling services vary according to a student's particular education goal. General Counseling & Transfer Services helps students develop an education plan that outlines the courses they need to meet a specific transfer, occupational certificate, or Associate degree goal. The Career Services Center at SMC assists students in sorting out potential majors and education goals.

Other support services: SMC provides a caring and committed faculty, General Counseling & Transfer Services, Career Services Center, Black Collegians Program, Latino Center, International Education Center, athletic counseling, tutoring services, financial aid, and a number of other means to support students in their pursuit of higher education. These services are described in detail in the Programs and Services section of this catalog, online at the SMC website (see the Student Support webpage at smc.edu/student-support), and in the Schedule of Classes.

STUDENT MATRICULATION RESPONSIBILITIES

General student matriculation responsibilities include an obligation to:

1. Identify an education and career goal after completing the 15th unit of degree-applicable coursework, or before the end of the third semester, whichever comes first.
2. Engage diligently in course activities and complete assigned coursework; and
3. Complete courses and maintain progress toward an education goal.

SPECIAL MATRICULATION RESPONSIBILITIES

Santa Monica College requires certain types of students to accept special responsibilities if they wish to achieve their education and personal goals.

Probationary Students: Students on academic and/or progress probation must develop contracts with counselors for returning to good standing.

Undeclared Students: Students who have not declared education goals must meet with a counselor to develop a career or academic plan no later than the semester before enrolling for a 16th unit of credit at SMC.

Students Enrolled in Pre-College Courses: Students taking remedial courses must plan with their instructors the next course(s) in the instructional sequence, and develop a program with their counselors for the following semester.

STUDENT MATRICULATION COMPLAINTS

Students may file formal written complaints about the matriculation process with the Matriculation Office. See the Student Complaints, Hearings, and Appeals section of this catalog for more information.

Completion/Graduation Requirements

Santa Monica College grants the Associate degree to students who have successfully completed sixty (60) degree-applicable units, and a Bachelor of Science in Interaction Design to students who have successfully completed 120 degree-applicable units — consisting of courses that meet State and local general education (GE) requirements, courses that fulfill requirements for a major, and elective courses — with a cumulative degree-applicable grade point average of C (2.0) or higher.

All college-level work (except basic skills and some religion and theology courses) taken at regionally accredited two-year colleges (including Santa Monica College) and in the lower-division of regionally accredited four-year colleges is counted when calculating the cumulative degree-applicable GPA and the sixty (60) degree-applicable units. Upper-division, graduate, and professional courses from regionally accredited colleges will be applied toward the Associate degree as needed. Please see smc.edu/articulation for details.

Students planning to graduate should first make an appointment to meet with a counselor to verify that they are eligible for graduation. The petition may be submitted at smc.edu/forms.

Students **must** file a Petition for Graduation with the Admissions Office during the academic term in which they plan to complete requirements for graduation.

Santa Monica College policies authorize the College to confer a degree or certificate upon an eligible student without requiring a petition for the degree or certificate when the student has stopped attending. The Admissions Office will notify potential awardees of its intent to confer the degree or certificate.

Honors at graduation will be awarded to students who have a cumulative degree-applicable grade point average of 3.0 or higher (including degree-applicable coursework completed at other regionally accredited colleges), who have completed a minimum of 12 units of coursework at SMC, *and* who are in good standing at the time they graduate.

IN-RESIDENCE COURSE REQUIREMENTS

In addition to other academic requirements, in order to graduate with a degree from Santa Monica College, students must enroll in and successfully complete a minimum of twelve (12) degree-applicable units at SMC, and have official transcripts on file at SMC from ALL OTHER institutions where coursework is used. Official transcripts must be mailed directly to the SMC Admissions Office by the other institutions.

At least 50% of the academic or career path (major) units must be completed at Santa Monica College, except for the Associate Degree for Transfer and the IGETC and CSU

GE Certificates. Department chairs have the discretion to waive the 50% minimum units required at SMC to meet the major or area of emphasis.

PETITION FOR GRADUATION

Students planning to apply for graduation with a degree, Certificate of Achievement, Certificate of Completion, or Certificate of Competency should first make an appointment with a counselor to verify that they are eligible for graduation. A student may complete EITHER the major requirements in effect at the time of the student's initial enrollment if the student has maintained continuous enrollment since then, OR the major requirements in effect at the time the student begins to maintain continuous enrollment, OR the major requirements in effect at the time of the student's graduation. (See page 34 for definition of continuous enrollment).

Students who leave SMC to attend another *accredited* institution may petition for special consideration to maintain catalog rights for the purpose of earning a degree or certificate, if the absence does not exceed two years.

A student is entitled to receive a degree or certificate if the student has met all degree or certificate requirements consistent with catalog rights. Santa Monica College will post the degree or certificate to the student's transcript based on the applicable catalog year rights, and report the term it is granted to the California Community Colleges Chancellor's Office.

A Petition for Graduation must be submitted to the Admissions Office for approval during the semester in which the student expects to complete the requirements for graduation. **DEADLINES FOR FILING PETITIONS FOR GRADUATION (and for Certificates of Achievement) are:**

- For spring semester graduation — Start of spring session through April 15
- For summer session graduation — Start of summer session through July 31
- For fall semester graduation — Start of fall semester through December 1

Students who will complete their requirements for graduation during a winter session will graduate the following spring.

Students may petition for any number of degrees or certificates for which they are eligible.

The Petition for Graduation form is available online at smc.edu/forms (click on the "Graduation Petition" link). Please note that petitions will be processed ONLY during the designated periods.

Academics



Santa Monica College Degrees and Certificates

Santa Monica College offers a comprehensive variety of degrees and certificates, as well as preparation for students to transfer to four-year colleges and universities. Many SMC degrees and certificates may now also be earned online (see smc.edu/online for details). For a complete list of opportunities available, please see the Curricular Offerings table on page 66.

PHILOSOPHY OF THE GENERAL EDUCATION REQUIREMENTS OF A SANTA MONICA COLLEGE DEGREE

Central to a Santa Monica College degree, general education is designed to prepare students to participate in society as independent, educated adults. It leads students to a better understanding of themselves and the world around them, and guides them to select courses to develop skills encompassing knowledge of the diverse elements of their external and internal realities, and some understanding of their own and other cultural heritages.

Essential skills include writing and speaking for self-expression and effective communication, quantitative reasoning skills as needed for solving the problems of everyday living, and critical thinking.

In addition to these skills, students gain knowledge of both the natural and social sciences, and of the methods of inquiry appropriate to each. Included in this knowledge is an understanding of political organization and of historical perspective; a clearer concept of themselves as physical, emotional, and social beings, and an acquaintance with the effects of technology. Also, students learn to form aesthetic judgments about the artistic achievements of civilization.

See the General Education (GE) Patterns section (below) for details on the patterns acceptable for a degree from SMC.

Global Citizenship Requirement

To fulfill the Global Citizenship requirement for a degree from Santa Monica College, students must successfully complete a minimum of 3 units from a list of courses approved with the Global Citizenship designation (see SMC GE Area V). These courses fall into one of the following five categories: American Cultures, Ecological Literacy, Genders and Sexualities, Global Studies, and Service Learning. These courses aim to provide an awareness of the diversity of cultures within the United States and/or an appreciation for the interconnectedness of cultural, ecological, economic, political, social, and technological systems of the contemporary world. This prepares students to make a responsible contribution to a rapidly changing global society.

Students pursuing an Associate in Arts for Transfer (AA-T) or Associate in Science for Transfer (AS-T) to the CSU system are **exempt** from the Global Citizenship requirement.

Degree and Certificate Requirements

BACCALAUREATE DEGREE REQUIREMENTS

A Baccalaureate degree is granted upon successful completion of a program of study with a minimum overall grade point average (GPA) of 2.0 (C) and a minimum of **120 semester units**, including:

- Completion of the academic path with a grade of C or higher in each course (Title 5 §55063);
- Completion of at least 50% of academic path units at Santa Monica College; Department Chairs have the discretion to waive the 50% minimum units required at SMC to meet the major or area of emphasis;
- Completion of one of the following general education patterns: CSU GE or IGETC;
- Completion of nine (9) semester units of upper-division general education coursework with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher. Only three (3) of the nine (9) units may be taken on a Pass/No Pass basis (Title 5 §55063).

ASSOCIATE DEGREE FOR TRANSFER (AA-T/AS-T) REQUIREMENTS

The Associate Degree for Transfer (AA-T/AS-T) is designed to facilitate transfer admission to a CSU campus in a similar major as a student has pursued at Santa Monica College. A current list of schools and the degrees they deem to be similar to majors they offer can be found at smc.edu/adt.

Students considering transfer to a UC, private, or out-of-state school should consult a counselor regarding that institution's transfer requirements.

An Associate Degree for Transfer is granted upon successful completion of a program of study with a minimum overall grade point average (GPA) of 2.0 (C) in all CSU-transferable coursework and a minimum of **60 CSU-transferable semester units**, including:

- Completion of the academic path with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of one of the following general education patterns: CSU GE or IGETC. (*Please note: Students transferring to CSU must complete IGETC Area 1C.*);
- Completion of a minimum of 12 semester units of degree-applicable coursework at Santa Monica College.

Students interested in earning an Associate Degree for Transfer should consult with a counselor before enrolling for classes at SMC. Additionally, while a minimum GPA of 2.0 (C) is required for admission, some majors and campuses may require a higher GPA. Please consult with a counselor for details.

ASSOCIATE DEGREE (AA/AS) REQUIREMENTS

An Associate degree is granted upon successful completion of a program of study with a minimum overall grade point average (GPA) of 2.0 (C) and a minimum of **60 degree-applicable semester units**, including:

- Completion of the academic path with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of at least 50% of academic path units at Santa Monica College; Department Chairs have the discretion to waive the 50% minimum units required at SMC to meet the major or area of emphasis;
- Completion of one of the following general education patterns: SMC GE, CSU GE, or IGETC;
- Completion of the SMC Global Citizenship graduation requirement.

CERTIFICATE OF ACHIEVEMENT REQUIREMENTS

A Certificate of Achievement is granted upon successful completion of a program of study with a minimum overall grade point average (GPA) of 2.0 (C) and a **designated minimum number of units**.

- At least 50% of the units required for a Certificate of Achievement must be completed at Santa Monica College. Department Chairs have the discretion to waive the 50% minimum units required at SMC to meet the major or area of emphasis; (Exception: For IGETC/CSU GE Certificates, 50% of the units required for Certificates of Achievement must be completed at any combination of California Community Colleges.
- Students must receive a grade of C or higher in each course to successfully complete a Certificate of Achievement. (Exception: For CSU GE Certificates of Achievement, a minimum grade of D- (0.7 on a 4.0 scale) is required for each course, except for Area A and B4, which must be completed with a C or higher. The minimum overall grade point average (GPA) on the CSU GE pattern must be a C (2.0 on a 4.0 scale).
- Students must complete each course of the academic or career path with a grade of C or higher, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063).

DEPARTMENT CERTIFICATE REQUIREMENTS

A Department Certificate is granted upon successful completion of a program of study with a **designated minimum number of units**, including:

- Completion of the academic or career path with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of at least 50% of academic or career path units at Santa Monica College. Department Chairs have the discretion to waive the 50% minimum units required at SMC to meet the major or area of emphasis.

Note: Department Certificates are not noted on student transcripts. Students must submit a petition to the relevant academic department to be awarded a Department Certificate.

NONCREDIT CERTIFICATE REQUIREMENTS

SMC offers two types of certificates for noncredit programs of study:

- A Certificate of Completion (Noncredit) is granted upon successful completion of the coursework required for a program of study that prepares students to enter or advance in the workforce, and
- A Certificate of Competency (Noncredit) is granted upon successful completion of the coursework required for competency-based programs such as ESL.

Students in noncredit courses receive progress indicators — P for Pass, SP for Satisfactory Progress, and NP for No Pass — for the courses they complete.

Certificates of Completion (Noncredit) and Certificates of Competency (Noncredit) are NOT intended as a substitute for any credit certificate or Associate degree.

Catalog Rights

A student may satisfy the requirements of a degree or certificate by completing the general education and academic or career path requirements in effect at any time of the student's **continuous** enrollment. Continuous enrollment means attendance in at least one semester (fall or spring) in each academic year.

Transferring from Santa Monica College

Many students use Santa Monica College as the freshman and sophomore years of a four-year college plan. In fact, SMC is a leader in transferring students to four-year colleges and universities, including the UC and CSU systems. Each of these institutions has a list of courses that must be completed to satisfy its general education and lower-division major requirements.

Students intending to transfer to a four-year institution should identify which transferable courses are required for both their major and general education. Students are strongly encouraged to meet with a counselor to develop an academic plan best suited for their transfer institution and intended major.

The following checklist should help a student establish transfer goals:

1. Identify admission requirements.
2. Identify general education requirements.
3. Identify preparation for the major.
4. Determine whether the major is "impacted."
5. Determine the competitive GPA for the major.
6. Establish a relationship with a counselor who will help to make the student the most attractive applicant possible!

Santa Monica College offers courses similar to courses offered in the lower division (i.e., the first two years) of four-year colleges and universities. Course requirements for graduation vary from one institution to another, so it is to a student's advantage to choose his or her transfer university or college as early as possible. Students are advised to complete the courses at SMC that best satisfy the lower-division course requirements of their transfer institution(s). Lower-division course requirements typically include a set of "general education" courses and a sequence of courses in the student's chosen "major" field of study.

For transfer admission to the UC or CSU system, a student will need to complete 60 or more UC- or CSU-transferable semester units of study — with the required grade point average — by the end of the spring semester for fall admission, or by the end of the fall semester for spring admission. However, these institutions do not look only at the number of units that have been completed, they also look at how to apply those units to a student's education goal (e.g., how many of the units meet the general education requirements, how many of these units meet the major requirements, etc.).

Admission requirements, course transferability, and course credit allowed will vary at private, out-of-state, or international colleges and universities. Students should consult the transfer school's catalog for specific requirements and transferability or make an appointment with an SMC counselor or a university representative at General Counseling & Transfer Services to clarify admission standards.

For more up-to-date, detailed, or extensive information regarding transfer requirements, students are encouraged to drop by General Counseling & Transfer Services or visit the website (smc.edu/transfer). Students can also access this information online (go to assist.org). Students are invited to visit General Counseling & Transfer Services to discuss their transfer strategy with a counselor or with one of the representatives of colleges or universities, who periodically visit SMC. Various general education patterns for some of the most popular transfer institutions for Santa Monica College students are described below. Selected lower-division major requirements for some four-year institutions are included in the Academic Programs section of this catalog.

Students interested in transferring should also be aware of critical application filing periods and procedures. This information — as well as applications to most four-year institutions in California — can be obtained online at smc.edu/transfer.

PLEASE NOTE: The requirements listed on the following pages are SUBJECT TO CHANGE WITHOUT NOTICE. For updated information, please check with your Santa Monica College counselor periodically, or look online at smc.edu/transfer.

TRANSFER AND ARTICULATION AGREEMENTS

Articulation is the process of linking two educational institutions together to help students make a smooth transition — without experiencing a delay or duplication of coursework — from the community college to a four-year college or university.

Santa Monica College has worked out transfer (articulation) agreements with a wide variety of colleges and universities on how SMC's units of credit will transfer. These agreements can contain general education requirements, lower-division major requirements, or both.

Students planning to transfer from Santa Monica College to a UC or CSU campus can find articulation information online (go to assist.org or to smc.edu/articulation). ASSIST (assist.org) is a database that contains information on lower-division major requirements and general education requirements for UC and CSU campuses and their equivalent at the community college. Students are strongly encouraged, and will probably find it much easier, to use the assistance of a counselor at General Counseling & Transfer Services.

Santa Monica College has articulation agreements with the following institutions of higher education:

University of California

- UC Berkeley
- UC Davis
- UC Irvine
- UC Los Angeles
- UC Merced
- UC Riverside
- UC San Diego
- UC San Francisco
- School of Dentistry
- School of Pharmacy
- UC Santa Barbara
- UC Santa Cruz

California State University

- CSU Bakersfield
- CSU Channel Islands
- CSU Chico
- CSU Dominguez Hills
- CSU East Bay
- CSU Fresno
- CSU Fullerton
- CSU Humboldt (Humboldt State)
- CSU Long Beach
- CSU Los Angeles
- CSU Maritime
- CSU Monterey Bay
- CSU Northridge
- CSU Pomona (CalPoly, Pomona)
- CSU Sacramento
- CSU San Bernardino
- CSU San Diego
- CSU San Francisco (San Francisco State)
- CSU San José (San José State)
- CSU Sonoma (Sonoma State)
- CSU San Luis Obispo (CalPoly, SLO)
- CSU San Marcos
- CSU Stanislaus

Private Colleges/Universities – California

- Academy of Art University, San Francisco
- Alliant International University
- American Jewish University
- Antioch University Los Angeles
- Art Center College of Design
- Ashford University
- Azusa Pacific University
- Biola University

- California College of The Arts
- California Institute of the Arts (CalArts)
- California Lutheran University
- Charles R. Drew University
- Columbia College Hollywood
- Concordia University Irvine
- DeVry University
- Emperor’s College of Traditional Medicine
- Fashion Institute of Design and Merchandising (FIDM)
- Los Angeles Film School
- Loyola Marymount University (LMU)
- Marymount California University
- Menlo College
- Mount Saint Mary’s University
- National University
- New School of Architecture and Design
- New York Film Academy Los Angeles
- Notre Dame de Namur University
- Otis College of Art and Design
- Pacific Oaks College
- Palo Alto University
- Pepperdine University
 - Graziadio School of Business and Management
 - Seaver College
- Point Loma Nazarene University
- Saint Mary’s College of California
- Santa Clara University
- Southern California University of Health Sciences
- United States University
- University of La Verne
- University of Massachusetts Global (formerly Brandman University)
- University of Phoenix
- University of Redlands
- University of San Diego
- University of San Francisco
- University of Southern California (USC)
 - School of Pharmacy
 - Viterbi School of Engineering
- University of West Los Angeles (UWLA)
- Whittier College
- Woodbury University

Out-of-State Colleges/Universities:

- Arizona State University and Arizona State University Online (AZ)
- Berklee-Online I Berklee College of Music (MA)
- George Mason University (VA)
- Kansas City Art Institute (MO)
- LIM College (NY)
- Oregon State University (OR)
- Pacific Northwest College of Art/Willamette University (OR)
- Regis University (CO)
- Savannah College of Art and Design (GA)
- Smith College (MA)
- SUNY Polytechnic University (NY)
- Syracuse University (NY)
- University of Hawai’i Manoa (HI)
- University of Massachusetts Lowell (MA)
- University of Nevada, Reno (NV)
- University of New Mexico (NM)
- Western Oregon University (OR)

International Universities

- American College Dublin (Ireland)
- American University of Paris (France)
- Anglia Ruskin University, Cambridge (England)
- Athabasca University (Canada)
- Bath Spa University (Bath, England)
- Brunei University London (England)
- John Cabot University (Rome, Italy)
- Macquarie University (Sydney, Australia)
- Middlesex University (London, England)
- Northumbria University (Newcastle, England)
- Rennes School of Business (France)
- University of Gloucestershire (England)
- University of Otago (New Zealand)
- University of Westminster, London (England)
- Victoria University of Wellington (New Zealand)

Online Bachelor Degrees

- Cal State Online
- Alliant International University
- Arizona State University
- Athabasca University (Canada)
- The City University of New York (CUNY)
 - School of Professional Studies
- Berklee – Online I Berklee College of Music (MA)
- DeSales University
- National University (Los Angeles Campus)
- Oregon State University
- Pepperdine University
 - Graziadio School of Business and Management
- Purdue University Global
- Regis University
- Sacramento State University
- Southern New Hampshire University (NH)
- TUI University
- Western Governors University (UT)

Students are strongly advised to gather as much information as possible about their chosen transfer college or university. Counselors will assist students with the transfer process, including appropriate course selection and information regarding the admission process and requirements. However, it is up to each individual student — working with a counselor — to decide upon an educational goal, to take responsibility for devising a long-range educational plan to achieve that goal, to read the catalog of his or her chosen transfer institution, and then to choose the appropriate Santa Monica College courses to satisfy the requirements for transfer to that college or university.

GENERAL EDUCATION REQUIREMENTS AND TRANSFER

Nearly every college and university requires the completion of a series of lower-division general education courses prior to awarding their Bachelor degrees. Santa Monica College offers a selection of general education courses broad enough to satisfy almost any lower-division general education graduation requirement. However, each college and university has a unique pattern that it requires of its students.

Because there are numerous general education patterns, all students SHOULD see a counselor to determine which pattern is best for them and to develop an appropriate transfer course plan. Students are urged NOT to attempt to plan a transfer without professional advice.

The fact that so many different patterns exist creates some problems for the community college transfer student. Fortunately, students at a California Community College may use the **Intersegmental General Education Transfer Curriculum (IGETC)** to fulfill lower-division general education requirements for almost all schools in either the CSU or UC system. Alternatively, CSU has developed a general education pattern (CSU GE) for community college transfer students that meets the lower-division general education requirements for all of the CSU campuses.

Completion of IGETC or CSU GE does NOT constitute completion of all admission requirements. Please consult with an SMC counselor to develop a comprehensive transfer strategy. Courses approved for IGETC are designated as such in the course description. Students should refer to assist.org for further information.

The IGETC and CSU GE patterns can be found in the General Education (GE) Patterns section of this catalog or online at smc.edu/articulation.

General Education Certification

“General Education Certification” means that SMC has verified that a student has completed the lower-division general education requirements, and this guarantees that no additional lower-division general education courses can be imposed on a student as a condition of graduation. “Certified” community college students are deemed to have satisfied the lower-division general education requirements of their chosen transfer institution. “Uncertified” UC and CSU transfer students will have their transfer coursework applied to the graduation requirements of their new UC or CSU campus, but may find that they must complete more lower-division general education units than are required of a “certified” transfer. For this reason, “fully certified” transfer is strongly recommended. NOTE: Students transferring to a CSU should be aware that nine (9) units of upper-division general education courses must be completed after transfer.

Santa Monica College is authorized to certify students who have satisfactorily completed the required courses. This includes not only courses taken at SMC, but also selected coursework taken at other regionally-accredited colleges and universities through a process called “pass along certification.” As a result, it is critically important for every student who transfers into SMC from another college or university to have official transcripts sent directly from the other institution(s) to SMC’s Admissions Office. Please see an SMC counselor for assistance.

IGETC Certification

When Santa Monica College is a student’s last/most recent school of attendance, SMC can certify the completion of the Intersegmental General Education Transfer Curriculum (IGETC), which satisfies the lower-division general education requirements for both UC and CSU transfer students. All IGETC coursework MUST be completed before a student’s transfer to receive “Full IGETC Certification.” Students will receive “Partial IGETC Certification” if they are missing no more than two courses from the IGETC pattern.

CSU GE Certification

The California State University (CSU) system will extend “Full CSU GE Certification” to students who have completed

all sections of the CSU General Education Pattern. “Partial CSU GE Certification” is awarded for completion of one or more, but not all of the five general education subsections. CSU Certification should be requested during a student’s last semester at Santa Monica College. If a student is only partially certified, most CSU campuses will allow the students to work on attaining full certification by taking SMC courses during an inter-session or during concurrent SMC-CSU enrollment.

Requesting Certification

Students whose transfer plan is the IGETC or the CSU General Education Pattern should request certification after they have selected and committed to attend a four-year institution. Requests for certification should be filed in the Admissions Office during these dates (requests will be processed ONLY during these periods):

Fall semester – October 1 to December 1

Spring semester – January 1 to July 31

Students are responsible for making the request for certification. Santa Monica College does not automatically certify. Certification request forms are available online at smc.edu/forms and in the Admissions Office. A minimal processing fee will be assessed (consult the Admissions Office website for details).

PLEASE NOTE: IGETC or CSU GE certification from SMC might not be completed by the transfer college’s published deadline for submission of application transcripts. Students should NOT depend on this process for submission of transcripts. A submitted certification request does not automatically include a transcript submission to the transfer college. A separate transcript order is recommended.

TRANSFER TO THE UNIVERSITY OF CALIFORNIA (UC) SYSTEM

Santa Monica College takes great pride in leading the state in the number of students who successfully transfer to the UC system. This system has ten campuses, the following nine of which have undergraduate programs: UC Berkeley, UC Davis, UC Irvine, UC Los Angeles, UC Merced, UC Riverside, UC San Diego, UC Santa Barbara, and UC Santa Cruz. Admission representatives from UC campuses visit SMC on a regular basis. Stop by General Counseling & Transfer Services to obtain a calendar of these scheduled visits, or check online at smc.edu/transfer.

UC Applications

UC applications are available August 1.

Applications for admission to the UC system are available online at admissions.universityofcalifornia.edu. California Community College students receive admission priority compared to other transfer applicants, and several of the UC campuses offer guaranteed admission to well-prepared transfer students. The Transfer Admission Planner (UC TAP) — at admission.universityofcalifornia.edu/transfer-transfer-admission-planner — is an online tool that can help students plan and monitor progress towards transferring to a UC Campus. Because the pool of students applying to the UC varies each year, the level of academic performance for admission to a campus or to a major will vary as well. Variables such as the number of applicants, their academic

qualifications, and the number of spaces available can impact acceptance rates.

UC Priority Application Filing Period

To Attend:	Apply:
Fall	October 1 – November 30
Winter	July 1 – 31
Spring	October 1 – 31

All UC campuses accept applications for fall admission. To determine which UC campuses accept in winter and/or spring, call the specific campuses or see universityofcalifornia.edu/admissions for details.

Transfer Admission Requirements for the University of California (UC)

The minimum requirements for UC transfer admission can be found at admission.universityofcalifornia.edu/transfer. These include:

- Complete the following 7-course pattern by the end of the spring term prior to fall enrollment at UC:
 - Two transferable courses in English composition;
 - One transferable course in mathematical concepts and quantitative reasoning;
 - Four transferable college courses chosen from at least two of the following subject areas:
 - arts and humanities
 - social and behavioral sciences
 - physical and biological sciences
- Complete at least 60 semester (90 quarter) units of UC-transferable credit. No more than 14 semester (21 quarter) units of the 60 semester (90 quarter) units may be taken on a Pass/Fail or Credit/No Credit basis. **Courses designated “UC” in the course description will transfer as baccalaureate credit for (at least) elective credit to the University of California.** Students should refer to assist.org for further information.
- Earn at least a 2.4 GPA in UC-transferable courses (2.8 if student is a nonresident) and be in good standing at the last college or university attended. NOTE: Some majors require a higher GPA for admission selection and a higher grade point average is required to be a more academically attractive transfer applicant to most UC campuses.

All branches of the University of California allow up to 70 transferable semester units from a community college. Students who have already completed 70 or more transferable semester units at a community college may still complete courses for credit (e.g., to finish IGETC or major requirements) at a community college, but will not be able to transfer more than 70 semester units of credit to the University of California. Please note: all UC-transferable units will be included in the GPA calculation and analyzed for subject credit.

Students are advised to visit SMC’s General Counseling & Transfer Services for a realistic estimate of the current grade point average actually required for admission to various major programs at various UC campuses, and to verify the most appropriate lower-division general education pattern for their goal.

Beyond the Minimum: An Academically Attractive Applicant for UC

The University of California tries to provide a place on one of its campuses for all California resident applicants who meet the minimum admission requirements and file an application during the appropriate filing period.

In recent years, the number of applicants for some campuses and some majors has far exceeded the number of spaces available. When a campus cannot accept all eligible applicants, it uses standards that are more demanding than the minimum requirements to select students. These criteria are:

- Completion of a specified pattern of courses that provide continuity with upper-division courses in the major;
- Completion of a specified pattern of courses that meet general education or breadth requirements;
- Attainment of a specified GPA in all transferable courses;
- Participation in academically selective honors courses or programs;
- Special talents, achievements, and awards in a particular field, such as the visual and performing arts or in athletic endeavors; special skills, such as demonstrated written and oral proficiency in other languages; special interests such as intensive study and exploration of other cultures; or experiences that demonstrate unusual promise for leadership, such as significant community service or significant participation in student government; or significant experiences or achievements that demonstrate the applicant’s promise for contributing to the intellectual vitality of a campus.

UC General Education Requirements

There are two ways for a student to complete general education requirements for the UC system: (1) complete the general education pattern specific to a particular UC campus, **or** (2) complete the IGETC. Please see above for important information regarding IGETC Certification. NOTE: SMC does not accept foreign coursework from non-U.S. regionally accredited institutions to meet general education requirements.

UC Impacted Majors

Some majors at UC campuses are highly competitive, or “impacted.” This means that certain courses in the major must be completed with achievement of a high GPA prior to transfer. Please consult with General Counseling & Transfer Services for details.

TRANSFER TO THE CALIFORNIA STATE UNIVERSITY (CSU) SYSTEM

Santa Monica College transfers an impressive number of students to the California State University system, which consists of 23 campuses located throughout the state. Admission representatives from local CSU campuses visit SMC on a regular basis. Please check with General Counseling & Transfer Services for more detailed information.

CSU Applications

Applications for admission to the CSU system are available online at calstate.edu/apply. Applications to impacted programs must be filed during the priority-filing period, which is the first month applications are accepted for a given term. Many CSU campuses are approaching capacity in a number of academic disciplines, and they are likely to stop accepting applications for admission after the first month of the filing period. Campuses that are less impacted **may** accept applications up to one month prior to the opening day of the term, although individual programs may close earlier. Applications should be filed as early in the filing period as possible to ensure priority consideration!

CSU Priority Application Filing Periods

Students are encouraged to attend an application workshop before beginning application procedures. The priority application filing periods are:

Quarter System Campuses Semester System Campuses

Summer Quarter: Feb 1 – 28 *Fall Semester:* Oct 1 – Nov 30

Fall Quarter: Oct 1 – Nov 30 *Spring Semester:* Aug 1 – 31

Winter Quarter: June 1 – 30

Spring Quarter: Aug 1 – 31

Transfer Admission Requirements for the California State University (CSU)

The minimum requirements for CSU transfer admission can be found at calstate.edu/apply. They include:

- Complete a minimum of 30 semester units of CSU GE courses.
 - The following areas of the CSU GE pattern **MUST** be completed for admission and the courses satisfying these areas must be completed with a grade of C- or better: CSU GE Areas A1, A2, A3, and B4.
- Complete 60 semester/90 quarter CSU-transferable units, including a minimum of 30 semester/45 quarter units in general education courses. **Courses designated “CSU” in the course description have been determined by Santa Monica College to be baccalaureate-appropriate and acceptable for transfer to the California State University as at least elective credit.** Students should refer to assist.org for further information.
- Earn at least a 2.0 GPA in CSU-transferable courses and be in good standing at the last college or university attended. NOTE: Some majors require a higher GPA for admission selection and a higher grade point average is required to be a **more academically attractive** transfer applicant to most CSU campuses.

Prior to transfer, it is strongly recommended that students complete the IGETC or CSU GE pattern in full, including the American Institution graduation requirement. Certain programs have more applicants than there are spaces available. These “impacted programs” have additional screening requirements. Please see an SMC counselor or visit smc.edu/articulation for details.

CSU General Education Requirements

Students may follow either the CSU GE pattern or the IGETC pattern to meet lower-division general education

requirements for the CSU system. Please see above for important information regarding CSU GE or IGETC Certification. NOTE: SMC does not accept foreign coursework from non-US regionally accredited institutions to meet general education requirements.

Associate Degrees for Transfer to the CSU System

The Student Transfer Achievement Reform Act (California Education Code §§ 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an Associate Degree for Transfer, which is a variation of the Associate degrees traditionally offered at a California Community College. The Associate Degree for Transfer (ADT) — awarded as either the Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) — is intended for students who plan to complete a Bachelor degree in a similar major at a CSU campus. Students completing the ADT degree program are guaranteed admission to the CSU system, but NOT to a particular campus or major.

The Associate Degree for Transfer (AA-T/AS-T) is designed to facilitate transfer admission to a CSU campus in a similar major as a student has pursued at Santa Monica College. Students considering transfer to a UC, private, or out-of-state school should consult a counselor regarding that institution’s transfer requirements.

Associate Degree for Transfer Requirements

Completion of at least 60 CSU-transferable semester units including:

- Completion of the academic path with a grade of C or higher in each course, or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063);
- Completion of either CSU GE or IGETC; students transferring to CSU using IGETC must complete Area 1C (see smc.edu/articulation or visit General Counseling & Transfer Services);
- A minimum of 12 degree-applicable semester units completed at SMC;
- A minimum overall GPA of 2.0 in all CSU-transferable units (Note: While a minimum GPA of 2.0 is required for admission to the CSU, some majors/campuses may require a higher GPA. Nonresident and international students may be required to have a higher minimum GPA. For more information consult a counselor.)

Associate Degrees for Transfer Available at SMC

Students at Santa Monica College may earn an Associate Degree for Transfer in:

- Administration of Justice (AS-T)
- Anthropology (AA-T)
- Art History (AA-T)
- Business Administration (AS-T)
- Child and Adolescent Development (AA-T)
- Communication Studies (AA-T)
- Early Childhood Education (AS-T)
- Economics (AA-T)
- Geography (AA-T)
- History (AA-T)
- Journalism (AA-T)

- Kinesiology (AA-T)
- Mathematics (AS-T)
- Nutrition and Dietetics (AS-T)
- Political Science (AA-T)
- Psychology (AA-T)
- Social Justice Studies, Gender Studies (AA-T)
- Sociology (AA-T)
- Spanish (AA-T)
- Studio Arts (AA-T)
- Theatre Arts (AA-T)

New Associate Degrees for Transfer are being developed. Please see a counselor or visit smc.edu/articulation for more information.

COURSE IDENTIFICATION SYSTEM (C-ID)

The Course Identification Numbering System — referred to as C-ID — is a common numbering system used to identify comparable courses at different California Community Colleges. A course with a C-ID will generally be accepted at participating California Community Colleges and California State University (CSU) campuses.

For example, Geography 1 is listed with a C-ID of GEOG 110 in the SMC schedule of classes and catalog. As a result, students can be assured that Geography 1 will generally be accepted as equivalent to courses with GEOG 110 as the C-ID at other California Community Colleges and the CSU campuses.

Many of the transferable courses students need to complete for the Associate in Arts for Transfer to CSU (AA-T) or Associate in Science for Transfer to CSU (AS-T) will have a C-ID designation. C-ID is also useful for students who attend — or have attended — more than one California Community College.

Students, however, should *always* confirm how each college's course will be accepted for transfer credit at a particular four-year college or university, as course requirements may change, and courses may be modified and added to or deleted from the C-ID database. Students can consult the ASSIST database at assist.org to find out how each college's course will be accepted, but will find it more efficient, convenient, and helpful to check with a counselor to determine how C-ID courses fit into their educational plans for transfer.

General Education (GE) Patterns

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

The Intersegmental General Education Transfer Curriculum (IGETC) is a general education program that community college transfer students may use to fulfill lower-division general education requirements in either the UC or the CSU system without the need, after transfer, to take additional lower-division general education courses. The IGETC pattern is most useful for students who want to keep their options open before making a final decision about transferring to a particular UC or CSU campus. Completion of IGETC does NOT guarantee admission, nor is it required for admission.

Some students may be better served by taking courses that fulfill the CSU General Education-Breadth requirements or the requirements of the UC campus or other college to which they plan to transfer. Students pursuing majors that require extensive lower-division major preparation may not find the IGETC option to be advantageous. Engineering, Architecture, and Liberal Studies are examples of those majors. UC San Diego Colleges of Roosevelt and Revelle, UC Berkeley Haas School of Business and College of Environmental Design (Architecture and Landscape Architecture majors) will not accept the IGETC. Schools of Engineering do not generally recommend the IGETC. Before selecting any courses, please see a counselor for assistance in planning your program.

Courses completed at a California Community College will be applied to the subject area in which they were listed by the institution where the work was completed. Coursework from other United States regionally accredited institutions may be used on IGETC. Coursework must be evaluated by a counselor. All courses must be completed with a grade of C (2.0) or higher. A “Credit” or “Pass” that is defined by institutional policy as being equivalent to a grade of C (2.0) or higher may be applied to meet IGETC requirements. **Foreign coursework from non-US regionally accredited institutions may not be used.** Course credit earned on the basis of acceptable scores on Advanced Placement (AP) or International Baccalaureate (IB) exams can be applied toward IGETC certification (see the charts at the end of this chapter for a list of acceptable AP/IB courses and scores.)

Important: All courses must be completed with grades of C (2.0) or higher. Courses used to meet IGETC requirements must have a minimum of 3 semester or 4 quarter units. (Exceptions may be made for English composition and math. See a counselor for details.)

For information regarding “IGETC Certification” see the Transfer section of the catalog.

UC Berkeley only accepts full IGETC certification

Some private and out-of-state colleges and universities will accept the completed IGETC to meet their lower-division general education requirements.

The private and out-of-state colleges and universities below will accept the completed IGETC to meet their lower-division general education requirements.

- AICU
- Alliant International University (formerly United States International University)
- American University of Paris (France)
- Arizona State University
- Biola University
- California College for the Arts
- California Lutheran University
- Chapman University
- City University of London (England)
- Cogswell Polytechnical College
- Concordia University
- Dominican College of San Rafael
- Hawaii Pacific University
- Holy Names College
- JFK University
- John Cabot University (Rome, Italy)
- Menlo College
- National University
- Northern Arizona University
- Notre Dame de Namur University (formerly College of Notre Dame)
- Oregon State University
- Saint Mary’s College of California
- Scripps College
- Southern University and A&M College (Baton Rouge, LA)
- University of La Verne
- University of Northern Colorado
- University of San Francisco
- University of the Pacific
- University of the West
- Vanguard University of Southern California
- Woodbury University

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) REQUIREMENTS

All courses must be completed with a grade of C (2.0) or higher. Courses used to meet IGETC requirements must have a minimum of 3 semester or 4 quarter units. (Exceptions may be made for English composition and math. See a counselor for details.)

KEY TO SYMBOLS USED

("same as..." or "formerly same as...")	Courses which are (or were previously) offered in more than one discipline (cross-listed). Students may receive credit for only one of the cross-listed courses. See course descriptions for details.
∇	Course is listed in more than one GE area, but cannot be used to satisfy requirements in more than one area.
<	Transfer credit may be limited by UC, CSU, or both.
()	Course in parenthesis is no longer offered.
GC	Course satisfies SMC's Global Citizenship Degree Requirement.

AREA 1: ENGLISH COMMUNICATION

GROUP 1A: ENGLISH COMPOSITION (Required for UC and CSU): 1 course (3 semester/4-5 quarter units)

- ENGL 1 or 1D

GROUP 1B: CRITICAL THINKING (Required for UC and CSU): 1 course (3 semester/4-5 quarter units)

- ENGL 2[∇]
- HIST 47[∇] (*satisfies area if completed fall 2012 or later*)

GROUP 1C: ORAL COMMUNICATION (Required of CSU only) 1 course (3 semester/4-5 quarter units)

- COM ST 11, 12[∇], 16, 21

AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING:

1 course (3 semester/4-5 quarter units)

- MATH 2[<], 7[<], 8[<], 10, 11, 13, 15, 21, 26[<], 28[<], 29[<], 54

AREA 3: ARTS AND HUMANITIES:

3 courses (9 semester/12 quarter units), with at least one course from Group A (Arts) and one course from Group B (Humanities):

GROUP A: ARTS (at least one course)

- AHIS 1^{GC}, 2^{GC}, 3^{GC}, 5^{GC}, 6^{GC}, 11^{GC}, 15, 17^{GC}, 18^{∇GC}, 21^{GC}, 22^{GC}, 52 (*same as PHOTO 52*), 71^{GC}, 72^{GC}
- ANIM 5
- DANCE 2^{GC}, 5, 6
- ENGL 55[∇] (*formerly same as TH ART 7*)
- FILM 1, 2, 6[∇], 8
- MUSIC 1[<], 29^{GC}, 30, 31, 32, 33^{GC}, 36^{GC}, 37^{GC}, 39
- PHOTO 52 (*same as AHIS 52*)
- TH ART 2, 5

GROUP B: HUMANITIES (at least one course)

- AHIS 18^{GC∇}
- ASL 2^{GC}
- CHINESE 2^{GC}, 3^{GC}, 4^{GC}, 9^{GC}
- COM ST 12[∇]
- ECON 15[∇] (*same as HIST 15*)
- ENGL 2[∇] (*satisfies area if completed fall 2015 or later*), 3, 4, 5, 6, 7, 8, 9^{GC}, 10^{GC}, 14, 15, 17, 18, 26 (*same as HUM 26*), 34, 38, 39, 40, 41, 45, 49^{GC}, 50, 51 (*same as REL ST 51*), 52 (*same as REL ST 52*), 53, 54, 55[∇] (*formerly same as TH ART 7*), 56, 57, 58, 59, 61, 62^{GC}, 64
- ENVRN 20^{GC} (*same as PHILOS 20*),
- FILM 5, 6[∇], 7^{GC}, 11 (*formerly same as ENGL 11*)
- FRENCH 2^{GC}, 3^{GC}, 4^{GC}, 9
- GERMAN 2^{GC}, 3^{GC}, 4^{GC}
- HEBREW 2^{GC}, 3^{GC}, 4^{GC}
- HIST 1, 2, 3, 4, 5, 6^{GC}, 10^{GC∇}, 11[∇], 12[∇], 13, 15[∇] (*same as ECON 15*), 16, 19, 20, 21, 22, 24, 25^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 26, 28, 29, 33, 34^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 38, 39^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 41, 43, 52, 53, 55[∇], 62
- HUM 9A, 26 (*same as ENGL 26*)
- ITAL 2^{GC}, 3^{GC}, 4^{GC}
- JAPAN 2^{GC}, 3^{GC}, 4^{GC}, 9^{GC}
- KOREAN 2^{GC}, 3^{GC}, 4^{GC}, 9^{GC}
- LING 1^{GC} (*satisfies area if completed fall 2014 or later*)
- PERSIN 2^{GC}
- PHILOS 1, 2, 3, 4, 5, 6, 10, 11, 20^{GC} (*same as ENVRN 20*), 22, 23, 24, 48[∇] (*formerly same as HIST 48*), 51[∇] (*same as POL SC 51*), 52[∇] (*same as POL SC 52*)
- POL SC 51[∇] (*same as PHILOS 51*), 52[∇] (*same as PHILOS 52*)
- REL ST 51 (*same as ENGL 51*), 52 (*same as ENGL 52*)
- RUSS 2^{GC}
- SPAN 2^{GC}, 3^{GC}, 4^{GC}, 9^{GC}, 12, 20^{GC∇}

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AREA 4: SOCIAL AND BEHAVIORAL SCIENCES (9 semester/12 quarter units):

3 courses selected from at least 2 Groups:

GROUP 1:

- ADJUS 1

GROUP 2:

- ANTHRO 2^{GC}, 3^c, 4^c (*satisfies area if completed fall 2014 or later*), 7, 14^{GC}, 19^{GC}, 20, 21^{GC}, 22

GROUP 3:

- ASTRON 6^{GC}

GROUP 4:

- COM ST 9, 20^{GC}, 30, 31, 35, 36^{GC}, 37^{GC}, 38

GROUP 5:

- ECE 11^{GC} (*satisfies area if completed fall 2010 or later*)

GROUP 6:

- ECON 1, 2, 4^{GC} (*same as ENVRN 4*), 5^{GC} (*same as GLOBAL 5 and POL SC 5*), 6, 8^{GC} (*same as WGS 8*), 15^V (*same as HIST 15*)
- ENVRN 4^{GC} (*same as ECON 4*)
- GLOBAL 5^{GC} (*same as ECON 5 and POL SC 5*)
- HIST 15^V (*same as ECON 15*)
- POL SC 5^{GC} (*same as ECON 5 and GLOBAL 5*)
- WGS 8^{GC} (*same as ECON 8*)

GROUP 7:

- GEOG 2, 7^{GC} (*same as ENVRN 7*), 8 (*same as URBAN 8*), 11^{GC} (*same as GLOBAL 11*), 14^{GC}
- ENVRN 7^{GC} (*same as GEOG 7*)
- GLOBAL 11^{GC} (*same as GEOG 11*)
- URBAN 8 (*same as GEOG 8*)

GROUP 8:

- GLOBAL 10^{GC}

GROUP 9:

- HIST 10^{GC} (*satisfies area if completed fall 2013 or later*), 11^V (*satisfies area if completed fall 2013 or later*), 12^V (*satisfies area if completed fall 2013 or later*), 14^{GC} (*same as ENVRN 14*), 27, 32^{GC} (*same as ENVRN 32*), 42, 47^V, 55^V
- ENVRN 14^{GC} (*same as HIST 14*), 32^{GC} (*same as HIST 32*)

GROUP 10:

- MEDIA 1, 3^{GC} (*same as GLOBAL 3*), 4, 10^{GC}
- GLOBAL 3^{GC} (*same as MEDIA 3*)

GROUP 11:

- NUTR 7^{GC}

GROUP 12:

- PHILOS 48^V

GROUP 13:

- POL SC 1, 2, 3, 7, 8, 14, 21^{GC}, 22^{GC} (*same as ENVRN 22*), 23, 24, 31, 47, 51^V (*same as PHILOS 51*), 52^V (*same as PHILOS 52*)
- ENVRN 22^{GC} (*same as POL SC 22*)
- PHILOS 51^V (*same as POL SC 51*), 52^V (*same as POL SC 52*)

GROUP 14:

- PSYCH 1, 3, 6, 7, 11, 13, 14, 19, 25, 40^{GC} (*satisfies GC requirement if completed fall 2011 or later*) (*same as ENVRN 40*)
- ENVRN 40^{GC} (*satisfies GC requirement if completed fall 2011 or later*) (*same as PSYCH 40*)

GROUP 15:

- SOCIOL 1, 1s^{GC}, 2, 2s^{GC}, 4, 12, 30, 31, 32, 33, 34^{GC}

GROUP 16:

- SPAN 20^V

GROUP 17:

- URBAN 8

GROUP 18:

- WGS 10^{GC} (*formerly WOM ST 10*), 20^{GC} (*formerly WOM ST 20*), 30^{GC} (*formerly WOM ST 30*), 40^{GC}

GROUP 19:

- ETH ST 1

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AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES – 2 courses required (7 semester/9 quarter units):

1 course is required from 5A; 1 course is required from 5B. One of the courses from 5A or 5B must include a lab (courses with a laboratory component are designated in 5C and are underlined in lists 5A and 5B):

GROUP 5A: PHYSICAL SCIENCE COURSES (1 course required)

- ASTRON 1[<], 2[<], 3[<], 4[<], 5, 7 (*satisfies area if completed fall 2014 or later*), 8, 9, 10
- CHEM 9^{GC<} (*satisfies GC requirement if completed spring 2013 or later*), 10[<], 11, 12, 19, 21, 22[<], 31 (*Note: CHEM 9 is a terminal GE course, CHEM 19 is intended for CSU nursing majors and CHEM 10 is for STEM majors*)
- GEOG 1[<], 3, 5[<]
- GEOL 1[<], 3, 4[<], 5, 10, 31, 32
- PHYSCS 6[<], 7[<], 8[<], 9[<], 12[<], 14[<], 21[<], 22[<], 23[<]

GROUP 5B: BIOLOGICAL SCIENCE COURSES (1 course required)

- ANATMY 1, 2
- ANTHRO 1[<], 5[<], 9, 11
- BIOL 2, 3, 9^{GC}, 10^{GC}, 15^{GC<}, 15N[<], 21, 22, 23
- BOTANY 1
- MCRBIO 1
- PHYS 3
- PSYCH 2
- ZOOL 5

GROUP 5C: SCIENCE COURSES WITH LABORATORY COMPONENT

(1 course required, but may also be satisfied by underlined courses in Group 5A or 5B)

- ANATMY 1, 2
- ANTHRO 5
- ASTRON 3, 4
- BIOL 3, 10^{GC}, 15^{GC}, 21, 22, 23
- BOTANY 1
- CHEM 9^{GC}, 10, 11, 12, 19, 21, 24, 31 (*Note: CHEM 9 is a terminal GE course, CHEM 19 is intended for CSU nursing majors and CHEM 10 is for STEM majors*)
- GEOG 5
- GEOL 4, 5, 32
- MCRBIO 1
- PHYSCS 6, 7, 8, 9, 14, 21, 22, 23
- PHYS 3
- ZOOL 5

AREA 6: FOREIGN LANGUAGE (Required for UC only)

This requirement may be fulfilled by:

- Completion of the second semester, second level (i.e., 4th semester) or higher of high school instruction in a language other than English with a C- or better (high school transcripts must be on file at Santa Monica College)
- Satisfactory completion of a course (or courses) at a college or university with a grade of C or higher. Level should be level 1 or higher. A level one course can only be used if it's 4 semester or 6 quarter units or higher
- Completion of an SMC language course (other than English) numbered 1, 2, 3, 4, 11, or 12
- Completion of formal schooling through the sixth grade level or higher, in an institution where the language of instruction is not English. Appropriate documentation must be presented to substantiate the language of instruction. If an official sealed transcript cannot be obtained from an international institution, an unofficial or opened transcript may be used, as appropriate
- Satisfactory score of the SAT Subject Test in a Language Other Than English. If exam was taken before May 1995, use first score listed; if taken after May 1995, use second score listed:
 - Chinese with listening: 500/520
 - French/French with listening: 500/540
 - German/German with listening: 500/540
 - Hebrew (Modern): 500/470
 - Italian: 500/520
 - Japanese with listening: 500/510
 - Korean/Korean with listening: /500
 - Latin: 500/530
 - Spanish/Spanish with listening: 500/520
- Satisfactory score of 3 or higher on the College Board Advanced Placement (AP) Examinations in Languages Other Than English
- Satisfactory score of 5 or higher on the International Baccalaureate (IB) Higher Level Examinations in Language Other Than English
- Satisfactory completion of an achievement test administered by a community college, university, or other college in a Language Other Than English
- Language Other Than English "O" Level Exam with a grade of A, B, or C
- Language Other Than English International "A" Level Exam with a score of 5, 6, or 7. 10
- A Defense Language Institute Language Other Than English course that is indicated as passed with a C or higher on the official
- Students who complete any part of their education between the 9th and 12th grade at an institution where the language of instruction is other than English will NOT receive UC unit credit for courses taken at SMC in the same language.

College courses, including SMC courses, with similar content to an AP exam may yield transfer credit. Unit and subject credit is determined by each transfer institution. Check with a counselor for details.

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CSU GRADUATION REQUIREMENTS IN US HISTORY, CONSTITUTION, AND AMERICAN IDEAL

NOTE: Not part of the IGETC requirements, but may be completed prior to transfer. Courses used to meet this requirement may also be used to satisfy other requirements for IGETC.

AMERICAN HISTORY AND INSTITUTIONS – 6 semester units; one course selected from each group (which may be credited toward satisfying requirements from Areas 3 and 4.)

US GROUP 1:

- ECON 15 (*same as HIST 15*)
- ENVRN 14^{6C} (*same as HIST 14*)
- HIST 10^{6C}, 11, 12, 14^{6C} (*same as ENVRN 14*), 15 (*same as ECON 15*), 41

US GROUP 2 & 3:

- POL SC 1

APPLYING NON-SMC COURSEWORK TO IGETC

A summary of requirements for IGETC certification of non-SMC courses:

1. The institution is accredited by the Western Association of Schools and Colleges or an equivalent accrediting body.
2. A course taken at a California Community College is applied to the subject area in which it is listed by the institution where the work was completed (check *assist.org* for college IGETC lists).
3. Coursework from other U.S. regionally accredited institutions may be used on IGETC. Coursework may be evaluated by a counselor.
4. The grade received in the course is C (2.0) or higher. A grade of C- (C minus) is not acceptable. A “Credit” or “Pass” that is defined by institutional policy as being equivalent to a grade of C (2.0) or higher may be applied to IGETC requirements.
5. Foreign coursework from non-United States regionally accredited institutions cannot be used for IGETC.
6. Each course is a minimum of 3 semester or 4 quarter units. (Exceptions may be made for English composition or math. See a counselor for details.)
7. All courses that meet IGETC requirements are completed by the end of the semester that the student is petitioning for certification.

TRANSFER ADMISSION REQUIREMENTS FOR THE UNIVERSITY OF CALIFORNIA (UC)

The minimum requirements for UC transfer admission can be found at admission.universityofcalifornia.edu/transfer.

Students must:

- Complete the following 7-course pattern by the end of the spring term prior to fall enrollment at UC:
 - Two transferable courses in English composition;
 - One transferable course in mathematical concepts and quantitative reasoning;
 - Four transferable courses chosen from at least two of the following subject areas:
 - arts and humanities
 - social and behavioral sciences
 - physical and biological sciences
- Complete at least 60 semester (90 quarter) units of UC-transferable credit. No more than 14 semester (21 quarter) units of the 60 semester (90 quarter) units may be taken on a Pass/Fail or Credit/No Credit basis. **Courses designated “UC” in the course description will transfer as baccalaureate credit for (at least) elective credit to the University of California.** Students should refer to *assist.org* for further information.
- Earn at least a 2.4 GPA in UC-transferable courses (2.8 if the student is a nonresident) and be in good standing at the last college or university attended. NOTE: Some majors require a higher GPA for admission selection and a higher grade point average is required to be a **more academically attractive** transfer applicant to most UC campuses.

All branches of the University of California allow up to 70 transferable semester units from a community college. Students who have already completed 70 or more transferable semester units at a community college may still complete courses for credit (e.g., to finish IGETC or major requirements) at a community college, but will not be able to transfer more than 70 semester units of credit to the University of California. Please note: All UC-transferable units will be included in the GPA calculation and analyzed for subject credit.

Students are advised to visit the SMC Transfer/Counseling Center and meet with a counselor for a realistic estimate of the current grade point average actually required for admission to selected major programs at various UC campuses. Students are also advised to verify the most appropriate lower-division general education pattern for their goal.

APPLYING EXAM CREDIT TO IGETC

See the “Credit by Exam” charts at the end of this chapter for a list of the AP and IB exams that may be used on the IGETC pattern.

CSU GENERAL EDUCATION REQUIREMENTS

This pattern is for students who began college before fall 2021 and have maintained continuous enrollment.

Students may follow the pattern of study outlined below or, the Intersegmental General Education Transfer Curriculum (IGETC) to meet lower-division general education requirements for the CSU system.

- SMC does not accept foreign coursework from non-U.S. regionally accredited institutions to meet CSU GE requirements.
- **Important: Courses in Areas A1, A2, A3, and B4 must be completed with a grade of C- or higher in each course**
- For information regarding “**CSU Certification**” see the Transfer section of the catalog.

KEY TO SYMBOLS USED

(“same as...” or “formerly same as...”)	Courses which are (or were previously) offered in more than one discipline (cross-listed). Students may receive credit for only one of the cross-listed courses. See course descriptions for details.
∇	Course is listed in more than one GE area, but cannot be used to satisfy requirements in more than one area.
<	Transfer credit may be limited by UC, CSU, or both.
()	Course in parenthesis is no longer offered.
GC	Course satisfies SMC’s Global Citizenship Degree Requirement.

AREA A: ENGLISH LANGUAGE AND CRITICAL THINKING: (9 semester or 12 quarter units; one course from each group completed)

A1: 1 course; must be completed with a C- (C minus) or higher (3 semester/4-5 quarter units)

- COM ST 11, 12[∇], 16, 21[∇]

A2: 1 course; must be completed with a C- (C minus) or higher (3 semester/4-5 quarter units)

- ENGL 1 or 1D

A3: 1 course; must be completed with a C- (C minus) or higher (3 semester/4-5 quarter units)

- BUS 32
- COM ST 21[∇]
- ENGL 2[∇], 31[∇]
- HIST 47[∇]
- PHILOS 7, 9 (satisfies area if completed fall 2011 or later)

AREA B: SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING: (9 semester units or 12 quarter units):

1 course is required from B1; 1 course is required from B2; 1 course is required from B4. The course in B4 must be completed with a C- (C minus) or higher. One of the courses from B1 or B2 must include a lab (courses with a laboratory component are designated in B3 and are underlined in lists B1 and B2):

B1: PHYSICAL SCIENCE COURSES (1 course required)

- ASTRON 1[<], 2[<], 3[<], 4[<], 5, 7, 8, 10 (same as GEOL 10)
- CHEM 9^{GC<} (satisfied GC requirement if completed spring 2013 or later), 10[<], 11, 12, 19, 21, 22[<], 31 (Note: CHEM 9 is a terminal GE course, CHEM 19 is intended for CSU nursing majors and CHEM 10 is for STEM majors)
- GEOG 1[<], 3, 5[<], 32
- GEOL 1[<], 3, 4[<], 5, 10 (same as ASTRON 10), 31, 32
- PHYSCS 6[<], 7[<], 8[<], 9[<], 12[<], 14[<], 21[<], 22[<], 23, 24

B2: BIOLOGICAL SCIENCE COURSES (1 course required)

- ANATMY 1, 2
- ANTHRO 1[<], 5[<], 9, 11
- BIOL 2[∇], 3, 9^{GC∇}, 10^{GC}, 15^{GC<}, 15N[<], 21, 22, 23
- BOTANY 1, 3
- MCRBIO 1
- NUTR 1[∇] (satisfies area if completed fall 2011 or later)
- PHYS 3
- PSYCH 2
- ZOOL 5

B3: SCIENCE COURSES WITH LABORATORY COMPONENT: (1 course required, but may also be satisfied by underlined courses in Group 5A or 5B)

- ANATMY 1, 2
- ANTHRO 5
- ASTRON 3, 4
- BIOL 3, 10^{GC}, 15^{GC}, 21, 22, 23
- BOTANY 1, 3
- CHEM 9^{GC}, 10, 11, 12, 19, 21, 24, 31 (Note: CHEM 9 is a terminal GE course, CHEM 19 is intended for CSU nursing majors and CHEM 10 is for STEM majors)
- GEOG 5
- GEOL 4, 5, 32
- MCRBIO 1
- PHYS 3
- PHYSCS 6, 7, 8, 9, 14, 21, 22, 23, 24
- ZOOL 5

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B4: MATHEMATICS/QUANTITATIVE REASONING: 1 course (3 semester/4-5 quarter units)

- ACCTG 45 (*satisfies area if completed Fall 2018 or later*) (same as BUS 45)
- BUS 45 (*satisfies area if completed Fall 2018 or later*) (same as ACCTG 45)
- MATH 2[<], 3, 4, 7[<], 8[<], 10, 11, 13, 15, 21, 26[<], 28[<], 29[<], 54

AREA C: ARTS AND HUMANITIES:

3 courses (9 semester/12 quarter units), with at least one course from C1 (Arts) and one course from C2 (Humanities):

C1: ARTS: (at least one course)

- AHIS 1^{GC}, 2^{GC}, 3^{GC}, 5^{GC}, 6^{GC}, 11^{GC}, 15, 17^{GC}, 18^{GC}, 21^{GC}, 22^{GC}, 52 (same as PHOTO 52), 71^{GC}, 72^{GC}
- ANIM 5 (*formerly ET 61*)
- ART 10A, 10B, 13, 20A, 20B, 40A, 40B
- DANCE 2^{GC}, 5, 6
- ENGL 26^V (same as HUM 26), 55^V (*formerly same as TH ART 7*)
- FILM 1, 2, 6^V, 8
- HUM 26^V (same as ENGL 26)
- MUSIC 1[<], 29, 30, 31, 32, 33^{GC}, 36^{GC}, 37^{GC}, 39, 60A, 60B
- PHOTO 52 (same as AHIS 52)
- TH ART 2, 5, 41

C2: HUMANITIES: (at least one course)

- AHIS 18^{GC}
- ARABIC 1^{GC}
- ASL 1^{GC}, 2^{GC}
- CHINESE 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 9^{GC}
- COM ST 12^V, 14^{GC}
- ECON 15^V (same as HIST 15)
- ENGL 2^V, 3, 4, 5, 6, 7, 8, 9^{GC}, 10^{GC}, 14, 15, 17, 18, 26^V (same as HUM 26), 32^V (*formerly same as HIST 30*), 34, 38, 39, 40, 41, 45, 49^{GC}, 50, 51 (same as REL ST 51), 52 (same as REL ST 52), 53, 54, 55^V (*formerly same as TH ART 7*), 56, 57, 58, 59, 61, 62
- ENVRN 20^{GC} (same as PHILOS 20)
- FILM 5, 6^V, 7^{GC}, 11 (*formerly same as ENGL 11*)
- FRENCH 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9
- GERMAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- HEBREW 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- HIST 1^V, 2^V, 3^V, 4^V, 5^V, 6^{GC}, 10^{GC}, 11^V, 12^V, 13^V, 15^V (same as ECON 15), 16^V, 19^V, 20^V, 21^V, 22^V, 24^V, 25^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 26^V, 29^V, 33^V, 34^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 41^V, 43^V, 52^V, 53, 55^V, 62^V
- HUM 9A, 26^V (same as ENGL 26)
- ITAL 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- JAPAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9^{GC}
- KOREAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}
- LING 1^{GC} (*satisfies area if completed fall 2014 or later*)
- PERSIN 1^{GC}, 2^{GC}
- PHILOS 1, 2, 3, 4, 5, 6, 10, 11, 20^{GC} (same as ENVRN 20), 22, 23, 24, 48^V (*formerly same as HIST 48*), 51^V (same as POL SC 51), 52^V (same as POL SC 52)
- POL SC 51^V (same as PHILOS 51), 52^V (same as PHILOS 52)
- PORTGS 1^{GC}, 2^{GC}
- REL ST 51 (same as ENGL 51), 52 (same as ENGL 52)
- RUSS 1^{GC}, 2^{GC}, 8
- SPAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9^{GC}, 11^{GC}, 12^{GC}, 20^{GC}
- TURKSH 1^{GC}

AREA D: SOCIAL SCIENCES: (9 semester/12 quarter units)

3 courses selected from at least 2 Groups:

- ADJUS 1
- ANTHRO 2^{GC}, 3[<], 4[<], 7, 14^{GC}, 19^{GC}, 20, 21^{GC}, 22
- ASTRON 6^{GC}
- COM ST 9, 20^{GC}, 30, 31, 35, 36^{GC}, 37^{GC}
- ECE 11^{GC} (*satisfies area if completed Fall 2010 or later*)
- ECON 1, 2, 4^{GC} (same as ENVRN 4), 5^{GC} (same as GLOBAL 5 and POL SC 5), 6, 8^{GC} (same as WGS 8), 15^V (same as HIST 15)
- ENGL 32
- ENVRN 4^{GC} (same as ECON 4), 7^{GC} (same as GEOG 7), 14^{GC} (same as HIST 14), 22^{GC} (same as POL SC 22), 32^{GC} (same as HIST 32), 40^{GC} (*satisfies GC requirement if completed Fall 2011 or later*) (same as PSYCH 40)
- GEOG 2, 7^{GC} (same as ENVRN 7), 8 (same as URBAN 8), 11^{GC} (same as GLOBAL 11), 14^{GC}
- GLOBAL 3^{GC} (same as MEDIA 3), 5^{GC} (same as ECON 5 and POL SC 5), 10^{GC}, 11^{GC} (same as GEOG 11)
- HIST 1^V, 2^V, 3^V, 4^V, 5^V, 6^{GC}, 10^{GC}, 11^V, 12^V, 13^V, 14^{GC} (same as ENVRN 14), 15^V (same as ECON 15), 16^V, 19^V, 20^V, 21^V, 22^V, 24^V, 25^{GC} (*satisfies GC requirement if completed Fall 2014 or later*), 26^V, 27, 28, 29^V, 32^{GC} (same as ENVRN 32), 33^V, 34^{GC} (*satisfies GC requirement if completed Fall 2014 or later*), 38, 39^{GC} (*satisfies GC requirement if completed Fall 2014 or later*), 41^V, 42, 43^V, 47^V, 52^V, 55^V, 62^V
- MEDIA 1 (*formerly Communication 1*), 3^{GC} (same as GLOBAL 3), 4, 10^{GC} (*formerly Communication 10*)
- NUTR 7^{GC}
- PHILOS 48^V (*formerly same as HIST 48*), 51^V (same as POL SC 51), 52^V (same as POL SC 52)
- POL SC 1, 2, 3, 5^{GC} (same as ECON 5 and GLOBAL 5), 7, 8, 11, 14, 21^{GC}, 22^{GC} (same as ENVRN 22), 23, 24, 31, 47, 51^V (same as PHILOS 51), 52^V (same as PHILOS 52)
- PSYCH 1^V, 3^V, 6^V, 7, 8, 11^V, 13^V, 14, 19^V, 25^V, 40^{GC} (same as ENVRN 40) (*satisfies GC requirement if completed Fall 2011 or later*)
- SOCIOL 1, 1s^{GC}, 2, 2s^{GC}, 4, 12, 30, 31, 32, 33, 34^{GC}
- SPAN 9^V, 20^V
- URBAN 8 (same as GEOG 8)
- WGS 8^{GC} (same as ECON 8), 10^{GC} (*formerly WOM ST 10*), 20^{GC} (*formerly WOM ST 20*), 30^{GC} (*formerly WOM ST 30*), 40^{GC}

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AREA E: LIFELONG LEARNING AND SELF-DEVELOPMENT (3 semester or 4-5 quarter units):

- BIOL 2[∇], 9^{GCV}
- BUS 47 (same as COUNS 47) (satisfies area if completed fall 2014 or later)
- COUNS 11B, 12, 20, 47 (same as BUS 47) (satisfies area if completed fall 2014 or later)
- DANCE 29
- ENGL 31[∇]
- HEALTH 10, 21
- KIN PE 1A, 2, 4, 5A, 5B, 5C, 7C, 9A, 9B, 9C, 9W, 10A, 10C, 11A, 11B, 11C, 11N, 12, 13, 14A, 14B, 14C, 15A, 16A, 16B, 17, 18, 19A, 19B, 19C, 19D, 19E, 21, 21C, 25A, 25B, 25C, 25D, 34A, 34B, 34C, 34D, 35A, 35B, 41M, 41W, 43A, 43B, 43C, 43D, 45A, 45B, 45C, 45D, 46, 48A, 48B, 48C, 48D, 49A, 49C, 50A, 50B, 50C, 50D, 51A, 51B, 52A, 52B, 53A, 53B, 54A, 54B, 54C, 54D, 56A, 56B, 56C, 56D, 57A, 57B, 57C, 58A, 58B, 58C, 59A, 59B, 59C – ALL activity courses (however there is a 2 unit maximum limit; see assist.org for a detailed list of courses that apply)
- NUTR 1[∇]
- PSYCH 1[∇], 3[∇], 5, 6[∇], 11[∇], 13[∇], 19[∇], 25[∇]
- VAR PE 9V, 9W, 11A, 11B, 11C, 14V, 14W, 20V, 21V, 43V, 43W, 45W, 48W, 50V, 50W, 56V, 56W, 57V, 57W, 59W, 60

CSU GRADUATION REQUIREMENTS IN US HISTORY, CONSTITUTION, AND AMERICAN IDEAL

NOTE: Not part of the IGETC requirements, but may be completed prior to transfer. Courses used to meet this requirement may also be used to satisfy other requirements for CSU GE.

AMERICAN HISTORY AND INSTITUTIONS - 6 semester units; one course selected from each group (which may be credited toward satisfying requirements from Areas 3 and 4.)

US GROUP 1:

- ECON 15 (same as HIST 15)
- ENVRN 14^{GC} (same as HIST 14)
- HIST 10^{GC}, 11, 12, 14^{GC} (same as ENVRN 14), 15 (same as ECON 15), 41

US GROUP 2 & 3:

- POL SC 1

APPLYING EXAM CREDIT TO CSU GE:

See the "Credit by Exam" charts at the end of this chapter for a list of the AP, IB, and CLEP exams that may be used on the CSU GE pattern.

CSU GENERAL EDUCATION REQUIREMENTS

This pattern is for students who began college fall 2021 or later and have maintained continuous enrollment.

Students may follow the pattern of study outlined below or, the Intersegmental General Education Transfer Curriculum (IGETC) to meet lower-division general education requirements for the CSU system.

- SMC does not accept foreign coursework from non-U.S. regionally accredited institutions to meet CSU GE requirements.
- **Important: Courses in Areas A1, A2, A3, and B4 must be completed with a grade of C- or higher in each course**
- For information regarding “CSU Certification” see the Transfer section of the catalog.

KEY TO SYMBOLS USED

(“same as...” or “formerly same as...”)	Courses which are (or were previously) offered in more than one discipline (cross-listed). Students may receive credit for only one of the cross-listed courses. See course descriptions for details.
∇	Course is listed in more than one GE area, but cannot be used to satisfy requirements in more than one area.
<	Transfer credit may be limited by UC, CSU, or both.
()	Course in parenthesis is no longer offered.
GC	Course satisfies SMC’s Global Citizenship Degree Requirement.

AREA A: ENGLISH LANGUAGE AND CRITICAL THINKING: (9 semester or 12 quarter units; one course from each group completed)

A1: 1 course; must be completed with a C- (C minus) or higher (3 semester/4-5 quarter units)

- COM ST 11, 12[∇], 16, 21[∇]

A2: 1 course; must be completed with a C- (C minus) or higher (3 semester/4-5 quarter units)

- ENGL 1 or 1D

A3: 1 course; must be completed with a C- (C minus) or higher (3 semester/4-5 quarter units)

- BUS 32
- COM ST 21[∇]
- ENGL 2[∇], 31[∇]
- HIST 47[∇]
- PHILOS 7, 9 (satisfies area if completed fall 2011 or later)

AREA B: SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING: (9 semester units or 12 quarter units):

1 course is required from B1; 1 course is required from B2; 1 course is required from B4. The course in B4 must be completed with a C- (C minus) or higher. One of the courses from B1 or B2 must include a lab (courses with a laboratory component are designated in B3 and are underlined in lists B1 and B2):

B1: PHYSICAL SCIENCE COURSES (1 course required)

- ASTRON 1[<], 2[<], 3[<], 4[<], 5, 7, 8, 10 (same as GEOL 10)
- CHEM 9^{GC<} (satisfied GC requirement if completed spring 2013 or later), 10[<], 11, 12, 19, 21, 22[<], 31 (Note: CHEM 9 is a terminal GE course, CHEM 19 is intended for CSU nursing majors and CHEM 10 is for STEM majors)
- GEOG 1[<], 3, 5[<]
- GEOL 1[<], 3, 4[<], 5, 10 (same as ASTRON 10), 31, 32
- PHYSCS 6[<], 7[<], 8[<], 9[<], 12[<], 14[<], 21[<], 22[<], 23, 24

B2: BIOLOGICAL SCIENCE COURSES (1 course required)

- ANATMY 1, 2
- ANTHRO 1[<], 5[<], 9, 11
- BIOL 2[∇], 3, 9^{GC∇}, 10^{GC}, 15^{GC<}, 15N[<], 21, 22, 23
- BOTANY 1, 3
- MCRBIO 1
- NUTR 1[∇] (satisfies area if completed fall 2011 or later)
- PHYS 3
- PSYCH 2
- ZOOL 5

B3: SCIENCE COURSES WITH LABORATORY COMPONENT: (1 course required, but may also be satisfied by underlined courses in Group 5A or 5B)

- ANATMY 1, 2
- ANTHRO 5
- ASTRON 3, 4
- BIOL 3, 10^{GC}, 15^{GC}, 21, 22, 23
- BOTANY 1, 3
- CHEM 9^{GC}, 10, 11, 12, 19, 21, 24, 31 (Note: CHEM 9 is a terminal GE course, CHEM 19 is intended for CSU nursing majors and CHEM 10 is for STEM majors)
- GEOG 5
- GEOL 4, 5, 32
- MCRBIO 1
- PHYS 3
- PHYSCS 6, 7, 8, 9, 14, 21, 22, 23, 24
- ZOOL 5

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B4: MATHEMATICS/QUANTITATIVE REASONING: 1 course (3 semester/4-5 quarter units)

- ACCTG 45 (*satisfies area if completed Fall 2018 or later*) (same as BUS 45)
- BUS 45 (*satisfies area if completed Fall 2018 or later*) (same as ACCTG 45)
- MATH 2^c, 3, 4, 7^c, 8^c, 10, 11, 13, 15, 21, 26^c, 28^c, 29^c, 41, 54

AREA C: ARTS AND HUMANITIES:

3 courses (9 semester/12 quarter units), with at least one course from C1 (Arts) and one course from C2 (Humanities):

C1: ARTS: (at least one course)

- AHIS 1^{GC}, 2^{GC}, 3^{GC}, 5^{GC}, 6^{GC}, 11^{GC}, 15, 17^{GC}, 18^{GC}, 21^{GC}, 22^{GC}, 52 (same as PHOTO 52), 71^{GC}, 72^{GC}
- ANIM 5 (*formerly ET 61*)
- ART 10A, 10B, 13, 20A, 20B, 40A, 40B
- DANCE 2^{GC}, 5, 6
- ENGL 26^v (same as HUM 26), 55^v (*formerly same as TH ART 7*)
- FILM 1, 2, 6^v, 8
- HUM 26^v (same as ENGL 26)
- MUSIC 1^c, 29, 30, 31, 32, 33^{GC}, 36^{GC}, 37^{GC}, 39, 60A, 60B
- PHOTO 52 (same as AHIS 52)
- TH ART 2, 5, 41

C2: HUMANITIES: (at least one course)

- AHIS 18^{GC}
- ARABIC 1^{GC}
- ASL 1^{GC}, 2^{GC}
- CHINESE 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 9^{GC}
- COM ST 12^v, 14^{GC}
- ECON 15^v (same as HIST 15)
- ENGL 2^v, 3, 4, 5, 6, 7, 8, 9^{GC}, 10^{GC}, 14, 15, 17, 18, 26^v (same as HUM 26), 32^v (*formerly same as HIST 30*), 34, 38, 39, 40, 41, 45, 49^{GC}, 50, 51 (same as REL ST 51), 52 (same as REL ST 52), 53, 54, 55^v (*formerly same as TH ART 7*), 56, 57, 58, 59, 61, 62, 64
- ENVRN 20^{GC} (same as PHILOS 20)
- FILM 5, 6^v, 7^{GC}, 11 (*formerly same as ENGL 11*)
- FRENCH 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9
- GERMAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- HEBREW 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- HIST 1^v, 2^v, 3^v, 4^v, 5^v, 6^{GC}, 10^{GC}, 11^v, 12^v, 13^v, 15^v (same as ECON 15), 16^v, 19^v, 20^v, 21^v, 22^v, 24^v, 25^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 26^v, 29^v, 33^v, 34^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 41^v, 43^v, 52^v, 53, 55^v, 62^v
- HUM 9A, 26^v (same as ENGL 26)
- ITAL 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- JAPAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9^{GC}
- KOREAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 9^{GC}
- LING 1^{GC} (*satisfies area if completed fall 2014 or later*)
- PERSIN 1^{GC}, 2^{GC}
- PHILOS 1, 2, 3, 4, 5, 6, 10, 11, 20^{GC} (same as ENVRN 20), 22, 23, 24, 48^v (*formerly same as HIST 48*), 51^v (same as POL SC 51), 52^v (same as POL SC 52)
- POL SC 51^v (same as PHILOS 51), 52^v (same as PHILOS 52)
- PORTGS 1^{GC}, 2^{GC}
- REL ST 51 (same as ENGL 51), 52 (same as ENGL 52)
- RUSS 1^{GC}, 2^{GC}, 8
- SPAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9^{GC}, 11^{GC}, 12^{GC}, 20^{GC}
- TURKSH 1^{GC}

AREA D: SOCIAL SCIENCES: 3 courses (6 semester/9 quarter units)

- ADJUS 1
- ANTHRO 2^{GC}, 3^c, 4^c, 7, 14^{GC}, 19^{GC}, 20, 21^{GC}, 22
- ASTRON 6^{GC}
- COM ST 9, 20^{GC}, 30, 31, 35, 36^{GC}, 37^{GC}
- ECE 11^{GC} (*satisfies area if completed fall 2010 or later*)
- ECON 1, 2, 4^{GC} (same as ENVRN 4), 5^{GC} (same as GLOBAL 5 and POL SC 5), 6, 8^{GC} (same as WGS 8), 15^v (same as HIST 15)
- ENGL 32
- ENVRN 4^{GC} (same as ECON 4), 7^{GC} (same as GEOG 7), 14^{GC} (same as HIST 14), 22^{GC} (same as POL SC 22), 32^{GC} (same as HIST 32), 40^{GC} (*satisfies GC requirement if completed fall 2011 or later*) (same as PSYCH 40)
- GEOG 2, 7^{GC} (same as ENVRN 7), 8 (same as URBAN 8), 11^{GC} (same as GLOBAL 11), 14^{GC}
- GLOBAL 3^{GC} (same as MEDIA 3), 5^{GC} (same as ECON 5 and POL SC 5), 10^{GC}, 11^{GC} (same as GEOG 11)
- HIST 1^v, 2^v, 3^v, 4^v, 5^v, 6^{GC}, 10^{GC}, 11^v, 12^v, 13^v, 14^{GC} (same as ENVRN 14), 15^v (same as ECON 15), 16^v, 19^v, 20^v, 21^v, 22^v, 24^v, 25^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 26^v, 27, 28, 29^v, 32^{GC} (same as ENVRN 32), 33^v, 34^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 38, 39^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 41^v, 42, 43^v, 47^v, 52^v, 55^v, 62^v
- MEDIA 1 (*formerly Communication 1*), 3^{GC} (same as GLOBAL 3), 4, 10^{GC} (*formerly Communication 10*)
- NUTR 7^{GC}
- PHILOS 48^v (*formerly same as HIST 48*), 51^v (same as POL SC 51), 52^v (same as POL SC 52)
- POL SC 1, 2, 3, 5^{GC} (same as ECON 5 and GLOBAL 5), 7, 8, 11, 14, 21^{GC}, 22^{GC} (same as ENVRN 22), 23, 24, 31, 47, 51^v (same as PHILOS 51), 52^v (same as PHILOS 52)
- PSYCH 1^v, 3^v, 6^v, 7, 8, 11^v, 13^v, 14, 19^v, 25^v, 40^{GC} (same as ENVRN 40) (*satisfies GC requirement if completed fall 2011 or later*)
- SOCIOL 1, 1s^{GC}, 2, 2s^{GC}, 4, 12, 30, 31, 32, 33, 34^{GC}
- SPAN 9^{GC}, 20^{GC}
- URBAN 8 (same as GEOG 8)
- WGS 8^{GC} (same as ECON 8), 10^{GC} (*formerly WOM ST 10*), 20^{GC} (*formerly WOM ST 20*), 30^{GC} (*formerly WOM ST 30*), 40^{GC}

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AREA E: LIFELONG LEARNING AND SELF-DEVELOPMENT (3 semester or 4-5 quarter units):

- BIOL 2[∇], 9^{GC∇}
- BUS 47 (*same as COUNS 47*) (*satisfies area if completed fall 2014 or later*)
- COUNS 11B, 12, 20, 47 (*same as BUS 47*) (*satisfies area if completed fall 2014 or later*)
- DANCE 29
- ENGL 31[∇]
- HEALTH 10, 21
- KIN PE 1A, 2, 4, 5A, 5B, 5C, 7C, 9A, 9B, 9C, 9W, 10A, 10C, 11A, 11B, 11C, 11N, 12, 13, 14A, 14B, 14C, 15A, 16A, 16B, 17, 18, 19A, 19B, 19C, 19D, 19E, 21, 21C, 25A, 25B, 25C, 25D, 29B, 29C, 34A, 34B, 34C, 34D, 35A, 35B, 41M, 41W, 43A, 43B, 43C, 43D, 45A, 45B, 45C, 45D, 46, 48A, 48B, 48C, 48D, 49A, 49C, 50A, 50B, 50C, 50D, 51A, 51B, 52A, 52B, 53A, 53B, 54A, 54B, 54C, 54D, 56A, 56B, 56C, 56D, 57A, 57B, 57C, 58A, 58B, 58C, 59A, 59B, 59C – ALL activity courses (*however there is a 2 unit maximum limit; see assist.org for a detailed list of courses that apply*)
- NUTR 1[∇]
- PSYCH 1[∇], 3[∇], 5, 6[∇], 11[∇], 13[∇], 19[∇], 25[∇]
- VAR PE 9V, 9W, 10V, 11A, 11B, 11C, 14V, 14W, 20V, 21V, 43V, 43W, 45W, 48W, 50V, 50W, 56V, 56W, 57V, 57W, 59W, 60

AREA F: ETHNIC STUDIES: (3 semester or 4-5 quarter units)

- ET ST 1

CSU GRADUATION REQUIREMENTS IN US HISTORY, CONSTITUTION, AND AMERICAN IDEAL

NOTE: Not part of the IGETC requirements, but may be completed prior to transfer. Courses used to meet this requirement may also be used to satisfy other requirements for CSU GE.

AMERICAN HISTORY AND INSTITUTIONS - 6 semester units; one course selected from each group (which may be credited toward satisfying requirements from Areas 3 and 4.)

US GROUP 1:

- ECON 15 (*same as HIST 15*)
- ENVRN 14^{GC} (*same as HIST 14*)
- HIST 10^{GC}, 11, 12, 14^{GC} (*same as ENVRN 14*), 15 (*same as ECON 15*), 41

US GROUP 2 & 3:

- POL SC 1

APPLYING EXAM CREDIT TO CSU GE:

See the “Credit by Exam” charts at the end of this chapter for a list of the AP, IB, and CLEP exams that may be used on the CSU GE pattern.

SANTA MONICA COLLEGE GENERAL EDUCATION REQUIREMENTS

To earn an Associate degree from SMC, students may follow the General Education requirements outlined below, the CSU GE requirements, or the IGETC requirements. Students intending to transfer to a 4-year institution should follow either the IGETC or CSU GE requirements. Consult a counselor for advice.

KEY TO SYMBOLS USED

("same as..." or "formerly same as...")	Courses which are (or were previously) offered in more than one discipline (cross-listed). Students may receive credit for only one of the cross-listed courses. See course descriptions for details.
()	Course in parenthesis is no longer offered.
GC	Course satisfies SMC's Global Citizenship Degree Requirement.

I: NATURAL SCIENCE: At least 3 semester units selected from:

- ANATMY 1, 2
- ANTHRO 1, 5, 9, 10, 11
- ASTRON 1, 2, 3, 4, 5, 7, 8, 9, 10 (*same as GEOL 10*)
- BIOL 2, 3, (4), 9^{GC}, 10^{GC}, 15^{GC}, 15N, 21, 22, 23
- BOTANY 1, 3
- CHEM 9^{GC} (*satisfies GC if completed spring 2013 or later*), 10, 11, 12, 19, 21, 22, 24, 31 (**Note:** CHEM 9 is a terminal GE course, CHEM 19 is intended for CSU nursing majors and CHEM 10 is for STEM majors)
- GEOG 1, 3, 5
- GEOL 1, 3, 4, 5, 7, 10 (*same as ASTRON 10*), 31
- MCRBIO 1
- NUTR 1, 4 (*if completed prior to winter 2017*), (6)
- PHYSCS 6, 7, 8, 9, 12, 14, 21, 22, 23, 24
- PHYS 3
- PSYCH 2
- ZOOL 5, (17), (20)

II: SOCIAL SCIENCE: 6 semester units, with at least 3 units selected from each group:

GROUP II A (at least 3 semester units)

- ECON 15 (*same as HIST 15*)
- ENVRN 14^{GC} (*same as HIST 14*)
- HIST 10^{GC}, 11, 12, 14^{GC} (*same as ENVRN 14*), 15 (*same as ECON 15*), 27, 41, (45), (46)
- POL SC 1

GROUP II B (at least 3 semester units)

- AD JUS 1, 2
- ANTHRO 2^{GC}, 3, 4, 7, 14^{GC}, 19^{GC}, 20, 21^{GC}, 22
- ASTRON 6^{GC}
- BILING (1)
- BUS 1
- COM ST 9, 30, 31, 35, 36^{GC}, 37^{GC}
- ECE 11^{GC}, (18)^{GC}
- ECON 1, 2, 4^{GC} (*same as ENVR 4*), 5^{GC} (*same as GLOBAL 5 and POL SC 5*), 6, 8^{GC} (*same as WGS 8*), 15 (*same as HIST 15*)
- ENVRN 4^{GC} (*same as ECON 4*), 7^{GC} (*same as GEOG 7*), 22^{GC} (*same as POL SC 22*), 32^{GC} (*same as HIST 32*), 40^{GC} (*satisfies GC requirement if completed fall 2011 or later*) (*same as PSYCH 40*)
- GEOG 2, 7^{GC} (*same as ENVRN 7*), 8 (*same as URBAN 8*), 11^{GC} (*same as GLOBAL 11*), 14^{GC}
- GLOBAL 3^{GC} (*same as MEDIA 3*), 5^{GC} (*same as ECON 5 and POL SC 5*), 10^{GC}, 11^{GC} (*same as GEOG 11*)
- HIST 1, 2, 3, 4, 5, 6^{GC}, 10^{GC}, 11, 12, 13, 14^{GC} (*same as ENVRN 14*), 15 (*same as ECON 15*), 16, 19, 20, 21, 22, 24, 25^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 26, 28, 29, 32^{GC} (*same as ENVRN 32*), 33, 34^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 38, 39^{GC} (*satisfies GC requirement if completed fall 2014 or later*), 41, 42, 43, (45), (46), 47, (48) (*formerly same as PHILOS 48*), 52, 53, 55, 62
- MEDIA 1, 3^{GC} (*same as GLOBAL 3*), 4, 10^{GC}
- NUTR 7^{GC}
- PHILOS 48 (*formerly same as HIST 48*), 51 (*same as POL SC 51*), 52 (*same as POL SC 52*)
- POL SC 1, 2, 3, 5^{GC} (*same as ECON 5 and GLOBAL 5*), 7, 8, 11, 14, 21^{GC}, 22^{GC} (*same as ENVRN 22*), 23, 24, 31, 47, 51 (*same as PHILOS 51*), 52 (*same as PHILOS 52*)
- PSYCH 1, 3, 5, 6, 7, 8^{GC}, 11, (12), 13, 14, (18)^{GC}, 19, 25, 40^{GC} (*satisfies GC requirement if completed fall 2011 or later*) (*same as ENVRN 40*)
- SOCIOL 1, 1s^{GC}, 2, 2s^{GC}, 4, 12, 30, 31, 32, 33, 34^{GC}
- URBAN 8 (*same as GEOG 8*)
- WGS 8^{GC} (*same as ECON 8*), 10^{GC} (*formerly WOM ST 10*), 20^{GC} (*formerly WOM ST 20*), 30^{GC} (*formerly WOM ST 30*), 40^{GC}

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III: HUMANITIES: At least 3 semester units selected from:

- ANIM 5 (formerly ET 61)
- ASL 1^{GC}, 2^{GC}
- ARABIC 1^{GC}
- ART 10A*, 10B*, 13, 20A*, 20B*, 40A*, 40B, 43A*, 43B
- AHIS 1^{GC}, 2^{GC}, 3^{GC}, 5^{GC}, 6^{GC}, 11^{GC}, 15, 17^{GC}, 18^{GC}, 21^{GC}, 22^{GC}, 52 (same as PHOTO 52), 71^{GC}, 72^{GC}
- CHINESE 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9^{GC}
- COM ST 12, 14^{GC}
- DANCE 2^{GC}, 5, 6
- ENGL 2, 3, 4, 5, 6, 7, 8, 9^{GC}, 10^{GC}, (11) (formerly same as FILM 11), 14, 15, 17, 18, 26 (same as HUM 26), 30A, 30B, 31, 32 (formerly same as HIST 30), 34, 38, 39, 40, 41, 45, 49^{GC}, 50, 51 (same as REL ST 51), 52 (same as REL ST 52), 53, 54, 55 (formerly same as TH ART 7), 56, 57, 58, 59, 61, 62^{GC}
- ET (61)
- ENVRN 20^{GC} (same as PHILOS 20)
- FILM 1, 2, 5, 6, 7^{GC}, 8, 9, 11 (formerly same as ENGL 11)
- FRENCH 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- GERMAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- HEBREW 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- HIST 1, 2, 3, 4, 5, 6^{GC}, 10^{GC}, 11, 12, 13, 14^{GC} (same as ENVRN 14), 15 (same as ECON 15), 16, 19, 20, 21, 22, 24, 25^{GC} (satisfies GC requirement if completed fall 2014 or later), 26, 28, 29, 32^{GC} (same as ENVRN 32), 33, 34^{GC} (satisfies GC requirement if completed fall 2014 or later), 38, 39^{GC} (satisfies GC requirement if completed fall 2014 or later), 41, 42, 43, (45), (46), 47, (48) (formerly same as PHILOS 48), 52, 53, 55, 62
- HUM 9A^{GC}, 26 (same as ENGL 26)
- INTARC (30), (41), (42), (60), (66)
- ITAL 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- JAPAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9^{GC}
- KOREAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8
- LING 1^{GC}
- MUSIC 1, 29^{GC}, 30, 31, 32, 33^{GC}, (34), (35), 36^{GC}, 37^{GC}, 39, 60A*, 60B*, 66 (same as MUSIC 1 and MUSIC 60A)
- PERSIN 1^{GC}, 2^{GC}
- PHILOS 1, 2, 3, 4, 5, 6, 10, 11, 20^{GC} (same as ENVRN 20), 22, 23, 24, 41, 48 (formerly same as HIST 48), 51 (same as POL SC 51), 52 (same as POL SC 52)
- PHOTO 52 (same as AHIS 52)
- POL SC 51 (same as PHILOS 51), 52 (same as PHILOS 52)
- PORTGS 1^{GC}, 2^{GC}
- REL ST 51 (same as ENGL 51), 52 (same as ENGL 52)
- RUSS 1^{GC}, 2^{GC}, 8
- SPAN 1^{GC}, 2^{GC}, 3^{GC}, 4^{GC}, 8, 9^{GC}, 11^{GC}, 12^{GC}, 20^{GC}
- TH ART 2, 5, (7) (formerly same as ENGL 55), 41
- TURKSH 1^{GC}

*(May be 1, 1.5, or 2 unit course. Additional course may be required to meet minimum 3 unit Humanities requirement.)

IV: LANGUAGE AND RATIONALITY: 6 semester units, 3 units selected from each group:**GROUP A:** Select one of the following courses

- ENGL 1 or 1D or BUS 31

GROUP B: Choose one option from the following**Option 1:** Complete 1 of the following courses

- ACCTG 45 (same as BUS 45) (satisfies area if completed spring 2018 or later)
- BUS 45 (same as ACCTG 45) (satisfies area if completed spring 2018 or later)
- CS (10) (formerly same as Math 10)
- MATH 1, 1B or 1C (if Math 18, 20, or 50 level satisfied)
- MATH 2, 3, 4, 7, 8, 10 (formerly same as CS 10), 11, 13, 15, 18, 20, 21, 26, 28, 29, 32, 41, 49, 50, 54

Option 2: Complete the SMC math placement process or pass the math proficiency test** and complete 1 of the following courses:

- ACCTG 1, 2
- COM ST 21, 31
- CS 5, 6, 7, 15, 17, 18, 19, 20A, 20B, 30, 32, 33, 34A, 36, 37, 50, 51, 52, 53A, 53B, 54, 55, 56, 77B, 80, 81, 82, 83, 83R, 84, 85, 86, 87A, 87B
- HIST 47
- PHILOS 7, 9
- PSYCH 7
- SOCIOL 4

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**Students may complete this exam any time within one year of their anticipated graduation date. Note that students may retest only once, after an 8-week wait.

V: GLOBAL CITIZENSHIP: 3 semester units from the courses listed below or successful completion of an SMC Study Abroad experience if completed spring 2008 or later (credit awarded through petition). NOTE: Many of these courses (noted with ^{GC} above) are also in GE areas I, IIA, IIB, and III and can be used to satisfy BOTH areas.)

- ANTHRO 2, 14, 19, 21
- AHIS 1, 2, 3, 5, 6, 11, 17, 18, 21, 22, 71, 72
- ARABIC 1
- ASL 1, 2
- ASTRON 6
- BIOL 9, 10, 15
- BUS 51
- CHEM 9 (satisfies GC requirement if completed spring 2013 or later)
- CHNESE 1, 2, 3, 4, 9
- COMM (10)⁺ (see MEDIA)
- COM ST 14, 36, 37, 310
- DANCE 2, 57A
- ECE 11, (18), 19
- ECON 4 (same as ENVRN 4), 5 (same as GLOBAL 5 and POL SC 5), 8 (same as WGS 8)
- ENGL 9, 10, 49, 62
- ENVRN 4 (same as ECON 4), 7 (same as GEOG 7), 14 (same as HIST 14), 20 (same as PHILOS 20), 22 (same as POL SC 22), 32 (same as HIST 32), 40 (satisfies GC requirement if completed fall 2011 or later) (same as PSYCH 40)
- ETH ST 6
- FILM 7
- FRENCH 1, 2, 3, 4
- GEOG 7 (same as ENVRN 7), 11 (same as GLOBAL 11), 14
- GERMAN 1, 2, 3, 4
- GLOBAL 3 (same as MEDIA 3), 5 (same as ECON 5 or POL SC 5), 10, 11 (same as GEOG 11)
- HEALTH 60 (same as NURSNG 60)
- HEBREW 1, 2, 3, 4
- HIST 6, 10⁺, 14 (same as ENVRN 14), 25 (satisfies GC requirement if completed fall 2014 or later), 32 (same as ENVRN 32), 34 (satisfies GC requirement if completed fall 2014 or later), 39 (satisfies GC requirement if completed fall 2014 or later)
- HUM 9A
- IARCA 56 (formerly INTARC 71)
- ITAL 1, 2, 3, 4
- JAPAN 1, 2, 3, 4, 9
- KOREAN 1, 2, 3, 4
- LING 1
- MEDIA 3 (same as GLOBAL 3), 10⁺ (formerly Communication 10)
- MUSIC 29, 33⁺, 36, 37⁺
- NURSNG 60 (same as Health 60)
- NUTR 7
- PERSIN 1, 2
- PHILOS 20 (same as ENVRN 20)
- POL SC 5 (same as ECON 5 and GLOBAL 5), 21, 22 (same as ENVRN 22)
- PORTGS 1, 2
- PSYCH 8, (18), 40 (satisfies GC requirement if completed fall 2011 or later) (same as ENVRN 40)
- RRM 1
- RUSS 1, 2
- SOCIO 1s, 2s, 34
- SPAN 1, 2, 3, 4, 9, 11, 12, 20, 25
- TURKSH 1
- WGS 8 (same as ECON 8), 10 (formerly WOM ST 10), 20 (formerly WOM ST 20), 30 (formerly WOM ST 30), 40

⁺ HIST 10, MEDIA 10, MUSIC 33, and 37 (satisfies area if completed fall 2013 or later) meet the UC Berkeley American Cultures graduation requirement.

APPLYING EXAM CREDIT TO SMC GE

See the “Credit by Exam” charts at the end of this chapter for a list of the AP, IB, and CLEP exams that may be used on the SMC GE pattern.

Credit by Exam

CREDIT BY EXAM: ADVANCED PLACEMENT (AP) TESTS AND SMC GE CHART

Students are granted units and subject credit for SMC degrees/certificates for College Entrance Examination Board (CEEB) Advanced Placement Tests with scores of 3, 4, or 5. Students must have the College Board send AP exam results to the SMC Admissions Office (hand carried copies will NOT be accepted).

AP credit can also be used to meet IGETC, CSU GE, and SMC Associate degree (majors and/or GE) requirements.

- AP credit granted at SMC does **not** reflect credit granted by a transfer institution.
- AP credit must be used in the IGETC area indicated, regardless of where the certifying institution's discipline is located.
- AP credit may be incorporated into the CSU GE certification by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated CSU GE area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of CSU GE requirements.

Students interested in petitioning for AP credit should meet with a counselor. Students should be aware that AP test credit is evaluated by corresponding it to an equivalent SMC course, e.g., History 11. A student who receives AP credit and then takes the equivalent SMC course will have the unit credit for the duplication deducted prior to graduation. Credit by Advanced Placement exam is noted and listed first on a student's transcript, with units assigned and no grade.

Use of AP credit varies at each transfer institution. Please check the transfer institution's catalog for details.

UCLA will not grant AP credit if the exam is taken after the student has completed 24 semester units of college coursework.

EXAM	SMC ASSOCIATE DEGREE (MAJOR AND/OR GE)	CSU GE	CSU UNITS EARNED TOWARD TRANSFER	IGETC	UC UNITS EARNED TOWARD TRANSFER
Art History	AHIS 1 plus 3 elective units = 6 units; only 3 GE units Fulfills Global Citizenship requirement	Area C1 or C2 3 semester units	6 semester units	Area 3A or 3B 3 semester units	8 quarter/ 5.3 semester units
Biology	BIOL 3 plus 2 elective units = 6 units; only 4 GE units	Area B2 and B3 4 semester units	6 semester units	Area 5B and 5C 4 semester units	8 quarter/ 5.3 semester units
Calculus AB	Score of 3: MATH 2* Score of 4 or 5: MATH 7* 5 semester units	Area B4 3 semester units	3 semester units*	Area 2A 3 semester units	4 quarter/ 2.7 semester units**
Calculus BC	Score of 3: MATH 7* Score of 4 or 5: MATH 8* 5 semester units	Area B4 3 semester units	6 semester units*	Area 2A 3 semester units	8 quarter/ 5.3 semester units**
AP CALCULUS EXAM LIMITATIONS	*Qualifies student for next level of math		*Only one exam may be used toward transfer		**Maximum credit for both exams is 8 quarter/5.3 semester units
Chemistry	CHEM 10 5 semester units	Areas B1 and B3 4 semester units	6 semester units	Area 5A and 5C 4 semester units	8 quarter/ 5.3 semester units
Chinese Language & Culture	CHNESE 3 5 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
Computer Science A	Score of 3 or 4: CS 55 Score of 5: CS 55 and 56	N/A	3 semester units	N/A	8 quarter/ 5.3 semester units (May 2018 or later)
Computer Science AB	Score of 3: CS 3 and 55 6 semester units* Score of 4 or 5: CS 55 and 56 6 semester units*	N/A	6 semester units**	N/A	4 quarter/ 2.6 semester units***
Computer Science Principles	Score of 3 or 4 or 5: CS 3	Area B4 3 semester units	6 semester units	N/A	8 quarter/ 5.3 semester units
AP COMPUTER SCIENCE EXAM LIMITATIONS	*Maximum credit for both exams is 6 semester units		**Maximum one exam may be used toward transfer		***Maximum credit for both exams is 4 quarter/2.7 semester units

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EXAM	SMC ASSOCIATE DEGREE (MAJOR AND/OR GE)	CSU GE	EARNED TOWARD TRANSFER	IGETC	UC UNITS EARNED TOWARD TRANSFER
Economics – Macroeconomics	ECON 2 3 semester units	Area D2 3 semester units	3 semester units	Area 4B 3 semester units	4 quarter/ 2.6 semester units
Economics – Microeconomics	ECON 1 3 semester units	Area D2 3 semester units	3 semester units	Area 4B 3 semester units	4 quarter/ 2.6 semester units
English – Language & Composition	ENGL 1 plus 3 elective units = 6 units; only 3 GE units	Area A2 3 semester units	6 semester units	Area 1A 3 semester units	8 quarter/ 5.3 semester units*
English – Literature & Composition	ENGL 1 plus 3 Humanities GE units = 6 GE units	Area A2 and C2 6 semester units	6 semester units	Area 1A or 3B 3 semester units	8 quarter/ 5.3 semester units*
AP ENGLISH EXAM LIMITATIONS					*Maximum credit for both exams is 8 quarter/ 5.3 semester units
Environmental Science	No course equivalency GE Natural Science 3 semester units	Area B2 and B3 <i>(if completed prior to fall 2009)</i> or Area B1 and B3 <i>(regardless of when completed)</i> 4 semester units	4 semester units	Area 5A and 5C 3 semester units	4 quarter/ 2.6 semester units
French Language & Culture	FRENCH 3 5 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
French Literature & Culture	No course equivalency – GE Humanities 5 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
German Language & Culture	GERMAN 3 5 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
Government & Politics – Comparative	POL SC 2 3 semester units	Area D8 3 semester units	3 semester units	Area 4H 3 semester units	4 quarter/ 2.6 semester units
Government & Politics – U.S.	POL SC 1 3 semester units	Area D8 and US 2* 3 semester units *NOTE: Does not Fulfill AHI California Government requirement, which student can satisfy after transfer.	3 semester units	Area 4H 3 semester units	4 quarter/ 2.6 semester units
History – European	HIST 1 plus 3 elective units = 6 units; only 3 GE units	Area C2 or D6 and US 1 3 semester units	6 semester units	Area 3B or 4F 3 semester units	8 quarter/ 5.3 semester units
History – U.S.	HIST 11 plus 3 elective units = 6 units; only 3 GE units	Area C2 or D6 and US 1 3 semester units	6 semester units	Area 3B or 4F 3 semester units	8 quarter/ 5.3 semester units
History – World	HIST 34 plus 3 elective units = 6 units; only 3 GE units	Area C2 or D6 3 semester units	3 semester units	Area 3B or 4F 3 semester units	8 quarter/ 5.3 semester units
Human Geography	GEOG 2 3 semester units	Area D5 3 semester units	3 semester units	Area 4E 3 semester units	4 quarter/ 2.6 semester units
Italian Language & Culture	ITAL 3 5 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
Japanese Language & Culture	JAPAN 3 5 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
Latin	No course equivalency – GE Humanities 3 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
Latin Literature	No course equivalency – GE Humanities 5 semester units	Area C2 <i>(if completed prior to fall 2009)</i> 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
Latin Vergil	No course equivalency – GE Humanities 5 semester units	Area C2 <i>(if completed prior to fall 2012)</i> 3 semester units	3 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units

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EXAM	SMC ASSOCIATE DEGREE (MAJOR AND/OR GE)	CSU GE	EARNED TOWARD TRANSFER	IGETC	UC UNITS EARNED TOWARD TRANSFER
Music Theory	Score of 3: No course equivalency – Elective 3 semester units Score of 4 or 5: MUSIC 2 and 6 5 semester units	Area C1 (<i>if completed prior to fall 2009</i>) 3 semester units	6 semester units	N/A	8 quarter/ 5.3 semester units
Physics B	PHYSICS 14 4 GE units	Area B1 and B3 (<i>if completed prior to fall 2013</i>) 4 semester units*	6 semester units*	Area 5A and 5C 4 semester units	8 quarter/ 5.3 semester units**
Physics C – Mechanics	PHYSICS 6 4 semester units; Cannot be used for placement into PHYSICS 7	Area B1 and B3 4 semester units*	4 semester units*	Area 5A and 5C 3 semester units	4 quarter/ 2.6 semester units**
Physics C – Electricity & Magnetism	PHYSICS 7 4 semester units	Area B1 and B3 4 semester units*	4 semester units*	Area 5A and 5C 3 semester units	4 quarter/ 2.6 semester units**
Physics 1	PHYSICS 6 4 semester units	Area B1 and B3 4 semester units	4 semester units	Area 5A and 5C 4 semester units	8 quarter/ 5.3 semester units
Physics 2	PHYSICS 7 4 semester units	Area B1 and B3 4 semester units	4 semester units	Area 5A and 5C 4 semester units	8 quarter/ 5.3 semester units
AP PHYSICS EXAM LIMITATIONS			*Maximum 4 semester units toward GE and 6 semester units toward transfer		**Maximum credit for 3 exams is 8 quarter/ 5.3 semester units
Psychology	PSYCH 1 3 semester units	Area D9 3 semester units	3 semester units	Area 4I 3 semester units	4 quarter/ 2.6 semester units
Research as an Exam	Elective 3 semester units	N/A	N/A	N/A	N/A
Seminar	N/A	N/A	3 semester units	N/A	N/A
Spanish Language & Culture	SPAN 3 5 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
Spanish Literature & Culture	No course equivalency – GE Humanities 5 semester units	Area C2 3 semester units	6 semester units	Area 3B and 6A 3 semester units	8 quarter/ 5.3 semester units
Statistics	MATH 54 4 semester units	Area B4 3 semester units	3 semester units	Area 2 3 semester units	4 quarter/ 2.6 semester units
Studio Art 2D Design	No course equivalency (<i>credit for the Associate Degree major may be granted upon petition to the Art Dept. and portfolio review</i>) – Elective 3 semester units	N/A	3 semester units	N/A	8 quarter/ 5.3 semester units
Studio Art 3D Design	No course equivalency (<i>credit for the Associate Degree major may be granted upon petition to the Art Dept. and portfolio review</i>) – Elective 3 semester units	N/A	3 semester units	N/A	8 quarter/ 5.3 semester units
Studio Art Drawing	No course equivalency (<i>credit for the Associate Degree major may be granted upon petition to the Art Dept. and portfolio review</i>) – Elective 3 semester units	N/A	3 semester units	N/A	8 quarter/ 5.3 semester units
AP STUDIO ART EXAM LIMITATIONS					*Maximum credit for 3 exams is 8 quarter/ 5.3 semester units

CREDIT BY EXAM: COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Students must have the College Board send CLEP exam results to the Admissions Office (hand carried copies will not be accepted) for use on a degree or GE pattern.

CLEP exams CANNOT be used to meet the IGETC requirements. UC does not accept CLEP exams.

CLEP exams may be incorporated into CSU GE requirements by any certifying institution. All CSU campuses will accept the minimum units shown and apply them toward fulfillment of the designated CSU GE area if the examination is included as part of a full or subject-area certification. Please note that individual CSU campuses may choose to grant more units than those specified toward completion of CSU GE requirements.

Students should check with other prospective transfer institutions regarding acceptance of CLEP scores.

English and Mathematics CLEP exams cannot be used for placement or as a waiver for a prerequisite.

CLEP credit granted at SMC may differ from course credit and units granted by a transfer institution.

A student must be actively enrolled at SMC when applying for credit by CLEP exam. CLEP credit may not be used to meet any residency requirement.

EXAM	MINIMUM CLEP SCORE	UNITS TOWARD SMC DEGREE	SMC GENERAL EDUCATION, DEGREE and/or COURSE CREDIT	CSU GE AREA	SEMESTER UNITS TOWARD CSU GE	MINIMUM CSU SEMESTER UNITS EARNED TOWARD TRANSFER	
American Government	50	3	GE: Social Science Area II: Group A or B DEGREE: Liberal Arts – Social and Behavioral Sciences: Group A	D8	3	3	
American Literature	50	3	GE: Humanities Area III	C2	3	3	
Analyzing and Interpreting Literature	50	3	GE: Humanities Area III	C2	3	3	
Biology	50	3	COURSE: Biology 3*	B2	3	3	
Calculus	50	5	COURSE: Mathematics 7*	B4	3	3	
Chemistry	50	5	COURSE: Chemistry 10*	B1	3	3	
College Algebra	50	3	COURSE: Mathematics 26*	B4	3	3	
College Algebra-Trigonometry	50	3	COURSE: Mathematics 3	B4	3	3	
College Mathematics	50	0	N/A	N/A	0	0	
English Composition (no essay)	50	3	GE: Language and Rationality Area IV: Group A	N/A	0	0	
English Composition (with essay)	50	3	GE: Language and Rationality Area IV: Group A	N/A	0	0	
English Literature	50	3	GE: Humanities Area III DEGREE: Liberal Arts – Arts and Humanities: Group B	C2	3	3	
Financial Accounting	50	3	N/A	N/A	0	3	
French (max of 10 units awarded)	Level I	50	5	N/A	N/A	0	6
	Level II	59	10	COURSE: French 1*	C2	3	12
German (max of 10 units awarded)	Level I	50	5	N/A	N/A	0	6
	Level II	60	10	COURSE: German 1*	C2	3	12
History of the United States I: Early Colonization to 1877	50	3	GE: Social/Behavioral Sciences Area II: Group A or B DEGREE: Liberal Arts – Social and Behavioral Sciences: Group A	D6+US-1	3	3	
History of the United States II: 1865 to the Present	50	3	GE: Social Science Area II: Group A or B DEGREE: Liberal Arts – Social and Behavioral Sciences: Group A	D6+US-1	3	3	
Human Growth and Development	50	3	GE: Social Science Area II: Group B DEGREE: Liberal Arts – Social and Behavioral Sciences: Group B	E	3	3	

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EXAM	MINIMUM CLEP SCORE	UNITS TOWARD SMC DEGREE	SMC GENERAL EDUCATION, DEGREE and/or COURSE CREDIT	CSU GE AREA	SEMESTER UNITS TOWARD CSU GE	MINIMUM CSU SEMESTER UNITS EARNED TOWARD TRANSFER
Humanities	50	3	GE: Humanities Area III DEGREE: Liberal Arts – Arts and Humanities: Group B	C2	3	3
Information Systems and Computer Applications	50	3	COURSE: Computer Science 3*	N/A	0	3
Introduction to Educational Psychology	50	3	N/A	N/A	0	3
Introductory Business Law	50	3	COURSE: Business 5*	N/A	0	3
Introductory Psychology	50	3	COURSE: Psychology 1*	D9	3	3
Introductory Sociology	50	3	COURSE: Sociology 1*	D0	3	3
Natural Sciences	50	3	GE: Natural Science Area I DEGREE: General Science: Group B or C	B1 or B2	3	3
Pre-Calculus	50	3	COURSE: Mathematics 2*	B4	3	3
Principles of Accounting	50		N/A	N/A	0	3
Principles of Macroeconomics	50	3	COURSE: Economics 2*	D2	3	3
Principles of Management	50	3	COURSE: Business 65*	N/A	0	3
Principles of Marketing	50	3	COURSE: Business 20*	N/A	0	3
Principles of Microeconomics	50	3	COURSE: Economics 1*	D2	3	3
Social Sciences and History	50	3	GE: Social Science: Group B DEGREE: Liberal Arts – Social and Behavioral Sciences: Group B	N/A	0	0
Spanish (max of 10 units awarded)	Level I	5	N/A	N/A	0	6
	Level II	10	COURSE: Spanish 1*	C2	3 (effective Fall 2019 or later)	9
Trigonometry	50			B4	3	3
Western Civilization I: Ancient Near East to 1648	50	3	GE: Humanities Area III DEGREE: Liberal Arts – Arts and Humanities: Group B	C2 or D6	3	3
Western Civilization II: 1648 to the Present	50	3	GE: Humanities Area III DEGREE: Liberal Arts – Arts and Humanities: Group B	D6	3	3

*Students should be aware that CLEP credit is evaluated by corresponding it to the equivalent SMC course. **Example:** Biology 3. A student who receives CLEP credit for “Biology” and then takes the equivalent SMC course will have the unit credit for such duplication deducted prior to being awarded the degree.

CREDIT BY EXAM: INTERNATIONAL BACCALAUREATE (IB) EXAMS**NOTE: All exams must be Higher Level (HL)**

A score of 5, 6, or 7 on Higher Level (HL) exams is required to grant credit for IGETC certification.

An acceptable IB score for IGETC equates to either 3 semester/4 quarter units for certification purposes.

For transfer purposes, UC will grant 5.3 semester/8 quarter units for each IB exam completed with a score of 5, 6, or 7 on HL exams.

CSU also grants unit credit for transfer purposes of IB HL exams.

Students who have earned credit for an IB exam should not take a comparable college course because transfer credit will NOT be granted for both.

Students may earn credit for International Baccalaureate (IB) exams with scores listed below for Higher Level (HL) exams.

IB credit can be used to meet the SMC GE requirements. An acceptable IB score is equivalent to 3 semester units or 4 quarter units.

UC and CSU campuses may award more units in transfer.

IB credit granted at SMC may differ from course credit and units granted by a transfer institution.

INTERNATIONAL BACCALAUREATE (IB) EXAM	MINIMUM SCORE FOR SMC AND CSU	SMC GE AREA	UNITS TOWARD SMC DEGREE	CSU SEMESTER CREDITS EARNED	CSU GE CREDITS	CSU GE AREA	MINIMUM SCORE FOR IGETC	IGETC AREA	IGETC UNITS
IB Biology	5	I	3	6	3	B2	5	5B (w/o lab)	3
IB Chemistry	5	I	3	6	3	B1	5	5A (w/o lab)	3
IB Economics	5	II B	3	6	3	D2	5	4B	3
IB Geography	5	II B	3	6	3	D5	5	4E	3
IB History (any region)	5	II B	3	6	3	C2 or D6	5	3B or 4F	3
IB History (U.S.)	5	II A or II B	3	N/A	N/A	N/A	N/A	N/A	N/A
IB Language A – Literature (any language except English)	4	HUM	3	6	3	C2	5	3B and 6A	3
IB Language A – Language and Literature (any language except English)	4	HUM	3	6	3	C2	5	3B and 6A	3
IB Language A1 – Literature (any language)	4	HUM	3	6	3	C2 (if completed prior to fall 2013)	5	3B	3
IB Language A2 – Language and Literature (any language)	4	HUM	3	6	3	C2 (if completed prior to fall 2013)	5	3B	3
IB Language A1 (any language)	4	III	3	6	3	C2 (if completed prior to fall 2013)	5	3B	3
IB Language A2 (any language)	4	III	3	6	3	C2 (if completed prior to fall 2013)	5	3B	3
IB Language B (any language)	4	III	3	6	0	N/A	5	6A	3
IB Mathematics	4	IV B	3	6	3	B4	5	2	3
IB Physics	5	I	3	6	3	B1	5	5A (w/o)	3
IB Psychology	5	II B	3	3	3	D9	5	4I	3
IB Theatre	4	III	3	6	3	C1	5	N/A	N/A



Academic and Career Paths



Academic and Career Paths

All academic and career paths offered at Santa Monica College are designed to provide students with the necessary skills to compete successfully in related job markets and/or for transfer to a four-year college or university. Each career path has an advisory board composed of industry representatives to insure that the curricula are current and that they meet industry needs and standards.

Requirements for Associate and other degrees, Certificates of Achievement, Department Certificates, and Certificates of Completion (Noncredit), as well as requirements and recommendations for transfer preparation, are available through General Counseling & Transfer Services (smc.edu/counseling). Many of these degrees and certificates can now be earned online. See smc.edu/online for details.

Students should note that completion of degree and/or certificate requirements may not adequately satisfy transfer requirements. Students are **STRONGLY** encouraged to meet with a counselor to develop an academic program best suited for their transfer institution and intended academic path.

To explore career possibilities, students should visit the Career Services Center webpage (smc.edu/careercenter).

DEGREE AND CERTIFICATE REQUIREMENTS

General requirements for degrees and certificates can be found starting on page 33.

CATALOG RIGHTS

A student may satisfy the requirements of a degree or certificate that were in effect at any time of the student's continuous enrollment. Continuous enrollment means attendance in at least one semester (fall or spring) in each academic year.

CURRICULAR OFFERINGS

See the following charts with SMC's Areas of Interest and Academic and Career Paths. This can also be found online at smc.edu/academics for easier and up-to-date access.

AREAS OF INTEREST

The Areas of Interest chart is a starting point to help students understand the broad categories of the many degrees and certificates SMC offers. Additional details available at smc.edu/aoi.



Arts, Media, and Entertainment

- 2D Animation
- 3D Animation
- 3D Production
- Animation
- Animation Foundation
- Architecture
- Architecture and Interior Design
- Digital Production
- Art
- Broadcast Programming and Production
- Broadcast Sales and Management
- Cosmetology
- Dance
- Digital Audio Post-Production
- Digital Media
- Digital Media Foundation
- Digital Publishing
- Digital Video Post-Production
- Entertainment Promotion and Marketing Production
- Esthetician
- Fashion Design
- Film Production
- Film Studies
- Graphic Design
- Interaction Design Bachelor Degree
- Interior Architectural Design
- Interior Architectural Design Fundamentals
- Journalism
- Journalism – Multimedia Storytelling
- Media Studies
- Music
- Nail Care
- Photography
- Scenic Design and Construction
- Stage, Lighting, Sound, and Projection
- Studio Arts
- Technical Theatre
- Theatre
- Theatre Arts
- User Experience Design Essentials
- Visual Development
- Web Design Essentials
- Website Creator
- Website Development Management
- Website Software Specialist



Business

- Accounting
- Bicycle Maintenance – Noncredit
- Business
- Business Administration 2.0
- Business Bookkeeping
- Business Essentials Level 1 – Noncredit
- Business Information Specialist
- Business Information Worker – Data Analytics Applications
- Business Information Worker 1
- Business Information Worker 2
- Clerical/Data Entry
- Computer Business Applications
- CPA Track (*formerly Professional Accountant*)
- Customer Service – Noncredit
- Digital Marketing
- Entrepreneurship
- Entry Level Business Information Assistant
- Fashion Merchandising
- General Office
- Insurance Professional
- Insurance Specialist
- International Business
- Legal Administrative Assistant
- Legal Office Clerk
- Logistics and Supply Chain Management
- Management/Leadership
- Marketing
- QuickBooks Virtual Enterprise
- Receptionist – Noncredit
- Sales and Promotion
- Salon Business
- Small Business Tax Practice
- Social Media Assistant
- Staff Accountant



Culture, History, and Languages

- Advanced English as a Second Language – Noncredit
- African and Middle Eastern Studies
- Art History
- Asian Studies
- Beginning English as a Second Language – Noncredit
- English
- ESL for College and Career Pathways – Noncredit
- Ethnic Studies
- European Studies
- History
- Intermediate English as a Second Language – Noncredit
- Latin American Studies
- Liberal Arts – Arts and Humanities
- Linguistics
- Low Advanced ESL – Noncredit
- Low Intermediate ESL – Noncredit
- Modern Languages
- Philosophy
- Spanish

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Education

- Child and Adolescent Development
- Early Childhood Associate Teacher
- Early Childhood Education
- Early Childhood Studies
- Early Intervention/Special Education Assistant
- Education
- Elementary Teacher Education
- General Education
- Infant/Toddler Teacher
- Introduction to Early Care and Education – Noncredit
- Nature-based Pedagogy
- Transition to College and Career – Noncredit
- Transitional Kindergarten



Health and Wellness

- Athletic Coaching
- Electronic Medical Records Clerk
- Home Health Aide Pre-Certification Program – Noncredit
- Hospital Inpatient Coder
- Introduction to Working with Older Adults – Noncredit
- Kinesiology/Physical Education
- Medical Administrative Assistant
- Medical Billing/Coding
- Medical Coding and Billing Specialist
- Medical Office Clerk
- Medical Records Clerk/Receptionist
- Medical Transcription
- Nurse Assistant Pre-Certification Training Program – Noncredit
- Nutrition and Dietetics
- Registered Nurse (ADN)
- Rehabilitation Therapy Aide – Noncredit
- Respiratory Care



People and Society

- Administration of Justice (Criminal Justice)
- Anthropology
- Communication Studies
- Criminal Justice
- Cultural Resource Management
- Economics
- Environmental Studies
- Geography
- Global Studies
- Liberal Arts – Social and Behavioral Science
- Political Science
- Psychology
- Public Policy
- Social Justice Studies, Gender Studies
- Sociology
- Women's, Gender, and Sexuality Studies



STEM (Science, Technology, Engineering, and Math)

- Astronomy
- Automotive Technician – Introductory
- Basic Solar Photovoltaic Installation
- Blockchain Developer
- Biological Sciences
- Chemistry
- Cloud Computing
- Computer Programming
- Computer Science
- Cybersecurity
- Data Science
- Database Applications Developer
- Energy Efficiency Specialist
- Engineering
- Entry Level Programmer
- Environmental Science
- General Science
- Geographic Information Systems (GIS)
- Geology
- Geospatial Technology
- Information Systems Management
- Introduction to Engineering
- Mathematics
- Microsoft Azure
- Mobile Apps Development – Android
- Mobile Apps Development – iPhone
- Physics
- Recycling and Resource Management
- Recycling and Zero Waste
- Solar Photovoltaic and Energy Efficiency
- Solar Photovoltaic Installation
- Sustainability Assistant – Noncredit
- Sustainability in Organics Aide – Noncredit
- Sustainability Services Technician – Noncredit
- System Administrator (formerly Networking)
- Web Developer

ACADEMIC AND CAREER PATHS

AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
Business	Accounting	<ul style="list-style-type: none"> • Transfer Preparation • Accounting Associate Degree • CPA Track (<i>formerly Professional Accountant</i>) Certificate of Achievement (24 units) • Small Business Tax Practice Certificate of Achievement (17 units) • Staff Accountant (<i>formerly General Accountant</i>) Certificate of Achievement (16 units) • Business Bookkeeping (<i>formerly Computer Accounting</i>) Department Certificate (12 units) • <i>See also Business</i> 	<ul style="list-style-type: none"> • Business
People and Society	Administration of Justice	<ul style="list-style-type: none"> • Transfer Preparation • Administration of Justice Associate Degree for Transfer • Criminal Justice Certificate of Achievement (15 units) 	<ul style="list-style-type: none"> • Business
Culture, History, and Languages	African and Middle Eastern Studies	<ul style="list-style-type: none"> • African and Middle Eastern Studies Certificate of Achievement (16 units) • <i>See also Modern Languages</i> 	<ul style="list-style-type: none"> • Modern Languages and Cultures
Culture, History, and Languages	American Sign Language	<i>See Modern Languages</i>	<ul style="list-style-type: none"> • Modern Languages and Cultures
STEM (Science, Technology, Engineering, and Math)	Anatomy	<i>See Biological Sciences</i>	<ul style="list-style-type: none"> • Life Sciences
Arts, Media, and Entertainment	Animation	<ul style="list-style-type: none"> • Transfer Preparation • Animation Associate Degree • 2D Animation Certificate of Achievement (18 units) • 3D Animation Certificate of Achievement (17 units) • 3D Production Certificate of Achievement (17 units) • Animation Foundation Certificate of Achievement (15 units) • Visual Development Certificate of Achievement (18 units) 	<ul style="list-style-type: none"> • Design Technology
People and Society	Anthropology	<ul style="list-style-type: none"> • Transfer Preparation • Anthropology Associate Degree for Transfer • Cultural Resource Management Certificate of Achievement (9 units) 	<ul style="list-style-type: none"> • Earth Sciences
Culture, History, and Languages	Arabic	<i>See Modern Languages</i>	<ul style="list-style-type: none"> • Modern Languages and Cultures
Arts, Media, and Entertainment	Architecture	<ul style="list-style-type: none"> • Transfer Preparation • Architecture Associate Degree • Architecture Certificate of Achievement (31 units) • Architecture and Interior Design Digital Production Certificate of Achievement (16 units) • <i>See also Interior Architectural Design</i> 	<ul style="list-style-type: none"> • Design Technology
Arts, Media, and Entertainment	Art	<ul style="list-style-type: none"> • Transfer Preparation • Studio Arts Associate Degree for Transfer • Art Associate Degree • <i>See also Art History</i> 	<ul style="list-style-type: none"> • Art
Culture, History, and Languages	Art History	<ul style="list-style-type: none"> • Transfer Preparation • Art History Associate Degree for Transfer 	<ul style="list-style-type: none"> • Art
Culture, History, and Languages	Asian Studies	<ul style="list-style-type: none"> • Asian Studies Certificate of Achievement (16 units) • <i>See also Modern Languages</i> 	<ul style="list-style-type: none"> • Modern Languages and Cultures
STEM (Science, Technology, Engineering, and Math)	Astronomy	<ul style="list-style-type: none"> • Transfer Preparation • <i>See also Physics</i> • <i>See also Science: General Science</i> 	<ul style="list-style-type: none"> • Earth Sciences
Health and Wellness	Athletic Coaching	<ul style="list-style-type: none"> • Athletic Coaching Associate Degree • Athletic Coaching Certificate of Achievement (24 units) • <i>See Kinesiology/Physical Education</i> 	<ul style="list-style-type: none"> • Kinesiology

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AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
STEM (Science, Technology, Engineering, and Math)	Automotive Technology	<ul style="list-style-type: none"> Transfer Preparation Automotive Technician – Introductory Department Certificate (12 units) 	<ul style="list-style-type: none"> Business
Business	Bicycle Maintenance – Noncredit	<ul style="list-style-type: none"> Bicycle Maintenance Certificate of Completion (Noncredit) 	<ul style="list-style-type: none"> Business
STEM (Science, Technology, Engineering, and Math)	Biological Sciences	<ul style="list-style-type: none"> Transfer Preparation <i>See also Environmental Science</i> <i>See also Science: General Science</i> 	<ul style="list-style-type: none"> Life Sciences
STEM (Science, Technology, Engineering, and Math)	Biology	<i>See Biological Sciences</i>	<ul style="list-style-type: none"> Life Sciences
STEM (Science, Technology, Engineering, and Math)	Botany	<i>See Biological Sciences</i>	<ul style="list-style-type: none"> Life Sciences
Arts, Media, and Entertainment	Broadcasting	<i>See Media Studies</i>	<ul style="list-style-type: none"> Communication and Media Studies
Business	Business	<ul style="list-style-type: none"> Transfer Preparation Business <ul style="list-style-type: none"> Business Administration 2.0 Associate Degree for Transfer (<i>students who began college Fall 2022 or later must follow this version 2.0</i>) Business Associate Degree Entry Level Business Information Assistant Certificate of Achievement (12 units) Entrepreneurship <ul style="list-style-type: none"> Entrepreneurship Certificate of Achievement (18 units) Salon Business (<i>see Cosmetology</i>) Insurance <ul style="list-style-type: none"> Insurance Professional Associate Degree Insurance Professional Certificate of Achievement (26 units) Insurance Specialist Certificate of Achievement (11 units) International <ul style="list-style-type: none"> International Business Certificate of Achievement (18 units) Logistics <ul style="list-style-type: none"> Logistics and Supply Chain Management Associate Degree Logistics and Supply Chain Management Certificate of Achievement (24 units) Management <ul style="list-style-type: none"> Management/Leadership Associate Degree Management/Leadership Certificate of Achievement (24 units) Marketing <ul style="list-style-type: none"> Digital Marketing Certificate of Achievement (12 units) Marketing Certificate of Achievement (18 units) Sales and Promotion <ul style="list-style-type: none"> Sales and Promotion (<i>formerly Merchandising</i>) Associate Degree Sales and Promotion (<i>formerly Merchandising</i>) Certificate of Achievement (24 units) 	<ul style="list-style-type: none"> Business
Business	Business – Noncredit	<ul style="list-style-type: none"> Business Essentials Level 1 Certificate of Completion (Noncredit) Customer Service Certificate of Completion (Noncredit) 	<ul style="list-style-type: none"> Business
STEM (Science, Technology, Engineering, and Math)	Chemistry	<ul style="list-style-type: none"> Transfer Preparation <i>See also Science: General Science</i> 	<ul style="list-style-type: none"> Physical Sciences

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AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
Culture, History, and Languages	Chinese	<i>See Modern Languages</i>	<ul style="list-style-type: none"> • Modern Languages and Cultures
Arts, Media, and Entertainment	Communication Studies	<ul style="list-style-type: none"> • Transfer Preparation • Communication Studies Associate Degree for Transfer • <i>See also Journalism</i> • <i>See also Media Studies</i> 	<ul style="list-style-type: none"> • Communication and Media Studies
Arts, Media, and Entertainment AND Business AND STEM (Science, Technology, Engineering, and Math)	Computer Information Systems	<ul style="list-style-type: none"> • Transfer Preparation • Business Information Worker 2 Associate Degree • Computer Business Applications Associate Degree • Website Software Specialist Associate Degree • Business Information Specialist Certificate of Achievement (9 units) • Business Information Worker – Data Analytics Applications Certificate of Achievement (12 units) • Business Information Worker 1 Certificate of Achievement (21 units) • Business Information Worker 2 Certificate of Achievement (18 units) • Computer Business Applications Certificate of Achievement (30 units) • Social Media Assistant Certificate of Achievement (15 units) • Website Software Specialist Certificate of Achievement (31 units) • Digital Publishing Certificate of Achievement (20 units) • QuickBooks Virtual Enterprise Certificate of Achievement (13-16 units) • Website Creator Certificate of Achievement (15 units) • Website Development Management Certificate of Achievement (13 units) 	<ul style="list-style-type: none"> • Computer Science and Information Systems (CSIS)
Business	Computer Information Systems – Noncredit	<ul style="list-style-type: none"> • Receptionist Certificate of Completion (Noncredit) 	<ul style="list-style-type: none"> • Computer Science and Information Systems (CSIS)
STEM (Science, Technology, Engineering, and Math)	Computer Science	<ul style="list-style-type: none"> • Transfer Preparation • Cloud Computing Associate Degree • Computer Programming Associate Degree • Computer Science Associate Degree • Database Applications Developer Associate Degree • Web Developer Associate Degree • Blockchain Developer Certificate of Achievement (15 units) • Cloud Computing Certificate of Achievement (27 units) • Computer Programming Certificate of Achievement (27 units) • Computer Science Certificate of Achievement (23 units) • Data Science Certificate of Achievement (21 units) • Database Applications Developer Certificate of Achievement (27 units) • Information Systems Management Certificate of Achievement (13 units) • Mobile Apps Development – Android Certificate of Achievement (15 units) • Mobile Apps Development – iPhone Certificate of Achievement (12 units) • System Administrator Certificate of Achievement (14-15 units) • Web Developer Certificate of Achievement (30 units) • Cloud Computing Department Certificate (15 units) • Cybersecurity Department Certificate (12 units) • Entry Level Programmer Department Certificate (12 units) • Microsoft Azure Department Certificate (9 units) 	<ul style="list-style-type: none"> • Computer Science and Information Systems (CSIS)

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AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
Arts, Media, and Entertainment AND Business	Cosmetology	<ul style="list-style-type: none"> • Cosmetology Associate Degree • Cosmetology Certificate of Achievement (18 units) • Esthetician Certificate of Achievement (13 units) • Nail Care Certificate of Achievement (9 units) • Salon Business Certificate of Achievement (14 units) 	• Cosmetology
	Counseling		• Counseling
Education	Counseling – Noncredit	• Transition to College and Career Certificate of Completion (Noncredit)	• Counseling
	Counseling – Disabled Student Services		• Counseling – DSPS
	Counseling – Disabled Student Services – Noncredit		• Counseling – DSPS
Arts, Media, and Entertainment	Dance	<ul style="list-style-type: none"> • Transfer Preparation • Dance Associate Degree 	• Dance
Arts, Media, and Entertainment	Digital Media Post-Production	<ul style="list-style-type: none"> • Transfer Preparation • Digital Media Associate Degree • Digital Audio Post-Production Certificate of Achievement (18 units) • Digital Media Foundation Certificate of Achievement (18 units) • Digital Video Post-Production Certificate of Achievement (18 units) 	• Design Technology
Education	Early Childhood Education	<ul style="list-style-type: none"> • Transfer Preparation • Child and Adolescent Development Associate Degree for Transfer • Early Childhood Education Associate Degree for Transfer • Early Childhood Studies Associate Degree • Early Intervention/Special Education Assistant Associate Degree • Infant/Toddler Teacher Associate Degree • Early Childhood Associate Teacher Certificate of Achievement (12 units) • Early Childhood Studies Certificate of Achievement (30 units) • Early Intervention/Special Education Assistant Certificate of Achievement (33 units) • Elementary Teacher Education Certificate of Achievement (18 units) • Infant/Toddler Teacher Certificate of Achievement (30 units) • Nature-based Pedagogy Certificate of Achievement (22 units) • Transitional Kindergarten Certificate of Achievement (24 units) 	• Education and Early Childhood
Education	Early Childhood Education – Noncredit	• Introduction to Early Care and Education Certificate of Completion (Noncredit)	• Education and Early Childhood
People and Society	Economics	<ul style="list-style-type: none"> • Transfer Preparation • Economics Associate Degree for Transfer 	• Philosophy and Social Sciences
Education	Education	• Transfer Preparation	• Education and Early Childhood
STEM (Science, Technology, Engineering, and Math)	Energy Efficiency	<ul style="list-style-type: none"> • Energy Efficiency Specialist Department Certificate (13 units) • <i>See also Photovoltaic Installation</i> 	• Earth Sciences
STEM (Science, Technology, Engineering, and Math)	Engineering	<ul style="list-style-type: none"> • Transfer Preparation • Engineering Associate Degree • Engineering Certificate of Achievement (31 units) • Introduction to Engineering Certificate of Achievement (15 units) 	• Physical Sciences
Culture, History, and Languages	English	<ul style="list-style-type: none"> • Transfer Preparation • <i>See also Liberal Arts – Arts and Humanities</i> 	• English
Culture, History, and Languages	English – Noncredit		• English

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AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
	ESL – English as a Second Language		<ul style="list-style-type: none"> ESL
Culture, History, and Languages	ESL – Noncredit	<ul style="list-style-type: none"> Beginning English as a Second Language Certificate of Competency (Noncredit) Low Intermediate ESL Certificate of Competency (Noncredit) Intermediate English as a Second Language Certificate of Competency (Noncredit) Low Advanced ESL Certificate of Competency (Noncredit) Advanced English as a Second Language Certificate of Competency (Noncredit) ESL for College and Career Pathways Certificate of Competency (Noncredit) 	<ul style="list-style-type: none"> ESL
Arts, Media, and Entertainment	Entertainment Technology	<p><i>See Animation</i></p> <p><i>See Digital Media Post-Production</i></p>	<ul style="list-style-type: none"> Design Technology
STEM (Science, Technology, Engineering, and Math)	Environmental Science	<ul style="list-style-type: none"> Transfer Preparation Environmental Science Associate Degree Environmental Science Certificate of Achievement (40 units) 	<ul style="list-style-type: none"> Life Sciences Interdepartmental
People and Society	Environmental Studies	<ul style="list-style-type: none"> Transfer Preparation Environmental Studies Associate Degree Environmental Studies Certificate of Achievement (24 units) 	<ul style="list-style-type: none"> Earth Sciences Philosophy and Social Sciences Interdepartmental
Culture, History, and Languages	Ethnic Studies	<ul style="list-style-type: none"> Transfer Preparation Ethnic Studies Associate Degree Ethnic Studies Certificate of Achievement (21 units) 	<ul style="list-style-type: none"> English History Philosophy and Social Sciences Interdepartmental
Culture, History, and Languages	European Studies	<ul style="list-style-type: none"> European Studies Certificate of Achievement (16 units) <p><i>See Modern Languages</i></p>	<ul style="list-style-type: none"> Modern Languages and Cultures
Arts, Media, and Entertainment AND Business	Fashion Design and Merchandising	<ul style="list-style-type: none"> Transfer Preparation Fashion Design Associate Degree Fashion Merchandising Associate Degree Fashion Design Certificate of Achievement (40 units) Fashion Merchandising Certificate of Achievement (40 units) 	<ul style="list-style-type: none"> Photography and Fashion
Arts, Media, and Entertainment	Film Production	<ul style="list-style-type: none"> Film Production Associate Degree Film Production Certificate of Achievement (30-33 units) 	<ul style="list-style-type: none"> Communication and Media Studies
Arts, Media, and Entertainment	Film Studies	<ul style="list-style-type: none"> Transfer Preparation Film Studies Associate Degree 	<ul style="list-style-type: none"> Communication and Media Studies
Health and Wellness	First Aid		<ul style="list-style-type: none"> Kinesiology
Culture, History, and Languages	French	<i>See Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
	General Education	<ul style="list-style-type: none"> Transfer Preparation CSU GE Certificate of Achievement IGETC Certificate of Achievement 	<ul style="list-style-type: none"> Counseling
STEM (Science, Technology, Engineering, and Math)	General Science	<i>See Science</i>	<ul style="list-style-type: none"> Earth Sciences Life Sciences Physical Sciences Interdepartmental
STEM (Science, Technology, Engineering, and Math)	Geographic Information Systems (GIS)	<ul style="list-style-type: none"> Transfer Preparation Geospatial Technology Department Certificate (15 units) 	<ul style="list-style-type: none"> Earth Sciences
People and Society	Geography	<ul style="list-style-type: none"> Transfer Preparation Geography Associate Degree for Transfer 	<ul style="list-style-type: none"> Earth Sciences

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AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
STEM (Science, Technology, Engineering, and Math)	Geology	<ul style="list-style-type: none"> Transfer Preparation See also <i>Science – General Science</i> 	<ul style="list-style-type: none"> Earth Sciences
Culture, History, and Languages	German	See <i>Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
People and Society	Global Studies	<ul style="list-style-type: none"> Transfer Preparation Global Studies Associate Degree Global Studies Certificate of Achievement (21 units) 	<ul style="list-style-type: none"> Earth Sciences Philosophy and Social Sciences Interdepartmental
Arts, Media, and Entertainment	Graphic Design	<ul style="list-style-type: none"> Transfer Preparation Graphic Design Associate Degree Graphic Design Certificate of Achievement (36 units) User Experience Design Essentials (12 units) Web Design Essentials (12 units) See also <i>Interaction Design</i> 	<ul style="list-style-type: none"> Design Technology
Health and Wellness	Health Education	See <i>Kinesiology/Physical Education, Nursing, Occupational Therapy, Respiratory Care</i>	<ul style="list-style-type: none"> Kinesiology/Physical Education Health Sciences
Health and Wellness	Health Education – Noncredit	<ul style="list-style-type: none"> Home Health Aide Pre-Certification Program (Noncredit) Introduction to Working with Older Adults Certificate of Completion (Noncredit) Nurse Assistant Pre-Certification Training Program (Noncredit) Rehabilitation Therapy Aide Certificate of Completion (Noncredit) 	<ul style="list-style-type: none"> Kinesiology Health Sciences
Culture, History, and Languages	Hebrew	See <i>Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
Culture, History, and Languages	History	<ul style="list-style-type: none"> Transfer Preparation History Associate Degree for Transfer See also <i>Liberal Arts – Social and Behavioral Science</i> 	<ul style="list-style-type: none"> History
	Humanities		<ul style="list-style-type: none"> English
Arts, Media, and Entertainment	Interaction Design	<ul style="list-style-type: none"> Interaction Design Bachelor Degree See also <i>Graphic Design</i> 	<ul style="list-style-type: none"> Design Technology
Arts, Media, and Entertainment	Interior Architectural Design	<ul style="list-style-type: none"> Transfer Preparation Interior Architectural Design Associate Degree Interior Architectural Design Certificate of Achievement (40 units) Interior Architectural Design Fundamentals Certificate of Achievement (18 units) See also <i>Architecture</i> 	<ul style="list-style-type: none"> Design Technology
Culture, History, and Languages	Italian	See <i>Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
Culture, History, and Languages	Japanese	See <i>Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
Arts, Media, and Entertainment	Journalism	<ul style="list-style-type: none"> Transfer Preparation Journalism Associate Degree for Transfer Journalism – Multimedia Storytelling Associate Degree See also <i>Communication Studies</i> See also <i>Media Studies</i> 	<ul style="list-style-type: none"> Communication and Media Studies
Health and Wellness	Kinesiology/Physical Education	<ul style="list-style-type: none"> Transfer Preparation Kinesiology Associate Degree for Transfer Athletic Coaching Associate Degree Athletic Coaching Certificate of Achievement (24 units) 	<ul style="list-style-type: none"> Kinesiology
Culture, History, and Languages	Korean	See <i>Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
Culture, History, and Languages	Latin American Studies	<ul style="list-style-type: none"> Latin American Studies Certificate of Achievement (16 units) See also <i>Modern Languages</i> 	<ul style="list-style-type: none"> Modern Languages and Cultures

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AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
Culture, History, and Languages AND People and Society	Liberal Arts	<ul style="list-style-type: none"> • Transfer Preparation • Liberal Arts – Arts and Humanities Associate Degree • Liberal Arts – Social and Behavioral Science Associate Degree 	• Interdepartmental
	Library Studies		• Library
Culture, History, and Languages	Linguistics	<ul style="list-style-type: none"> • Transfer Preparation • <i>See also Modern Languages</i> 	• Modern Languages and Cultures
STEM (Science, Technology, Engineering, and Math)	Mathematics	<ul style="list-style-type: none"> • Transfer Preparation • Mathematics Associate Degree for Transfer 	• Mathematics
Arts, Media, and Entertainment	Media Studies	<ul style="list-style-type: none"> • Transfer Preparation • Broadcast Programming and Production Associate Degree • Broadcast Sales and Management Associate Degree • Entertainment Promotion and Marketing Production Associate Degree • Broadcast Programming and Production Certificate of Achievement (20 units) • Broadcast Sales and Management Certificate of Achievement (21 units) • Entertainment Promotion and Marketing Production Certificate of Achievement (24 units) • <i>See also Communication Studies</i> • <i>See also Journalism</i> 	• Communication and Media Studies
STEM (Science, Technology, Engineering, and Math)	Microbiology	<i>See Biological Sciences</i>	• Life Sciences
Culture, History, and Languages	Modern Language courses offered in: <ul style="list-style-type: none"> • American Sign Language • Arabic • Chinese • French • German • Hebrew • Italian • Japanese • Korean • Persian • Portuguese • Russian • Spanish • Turkish 	<ul style="list-style-type: none"> • Transfer Preparation • Spanish Associate Degree for Transfer • African and Middle Eastern Studies Certificate of Achievement (16 units) • Asian Studies Certificate of Achievement (16 units) • European Studies Certificate of Achievement (16 units) • Latin American Studies Certificate of Achievement (16 units) • <i>See also Spanish</i> 	• Modern Languages and Cultures
Arts, Media, and Entertainment	Music	<ul style="list-style-type: none"> • Transfer Preparation • Music Associate Degree 	• Music
Health and Wellness	Nursing – Registered Nurse	<ul style="list-style-type: none"> • Transfer Preparation • Nursing (ADN) Associate Degree 	• Health Sciences
Health and Wellness	Nursing – Noncredit		• Health Sciences
Health and Wellness	Nutrition and Dietetics	<ul style="list-style-type: none"> • Transfer Preparation • Nutrition and Dietetics Associate Degree for Transfer 	• Life Sciences
	Occupational Therapy		• Health Sciences

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AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
Arts, Media, and Entertainment AND Business AND Health and Wellness	Office Technology	<ul style="list-style-type: none"> General Office Associate Degree Legal Administrative Assistant Associate Degree Medical Administrative Assistant Associate Degree Medical Coding and Billing Specialist Associate Degree General Office Certificate of Achievement (27 units) Legal Administrative Assistant Certificate of Achievement (27 units) Legal Office Clerk Certificate of Achievement (12 units) Medical Administrative Assistant Certificate of Achievement (33 units) Medical Coding and Billing Specialist Certificate of Achievement (36 units) Medical Office Clerk Certificate of Achievement (12 units) Clerical/Data Entry Department Certificate (12 units) Electronic Medical Records Clerk Department Certificate (9 units) Hospital Inpatient Coder Department Certificate (9 units) Medical Billing/Coding Department Certificate (15 units) Medical Records Clerk/Receptionist Department Certificate (15 units) Medical Transcription Department Certificate (15 units) 	<ul style="list-style-type: none"> Computer Science and Information Systems (CSIS)
Culture, History, and Languages	Persian	<i>See Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
Culture, History, and Languages	Philosophy	<ul style="list-style-type: none"> Transfer Preparation <i>See also Liberal Arts – Arts and Humanities</i> 	<ul style="list-style-type: none"> Philosophy and Social Sciences
Arts, Media, and Entertainment	Photography	<ul style="list-style-type: none"> Transfer Preparation Photography Associate Degree Photography Certificate of Achievement (40 units) 	<ul style="list-style-type: none"> Photography and Fashion
STEM (Science, Technology, Engineering, and Math)	Photovoltaic Installation	<ul style="list-style-type: none"> Solar Photovoltaic and Energy Efficiency Associate Degree Solar Photovoltaic Installation Certificate of Achievement (14 units) Basic Solar Photovoltaic Installation Department Certificate (8 units) <i>See also Energy Efficiency</i> 	<ul style="list-style-type: none"> Earth Sciences
STEM (Science, Technology, Engineering, and Math)	Physics	<ul style="list-style-type: none"> Transfer Preparation <i>See also Science: General Science</i> 	<ul style="list-style-type: none"> Physical Sciences
STEM (Science, Technology, Engineering, and Math)	Physiology	<i>See Biological Sciences</i>	<ul style="list-style-type: none"> Life Sciences
People and Society	Political Science	<ul style="list-style-type: none"> Transfer Preparation Political Science Associate Degree for Transfer <i>See also Public Policy</i> 	<ul style="list-style-type: none"> Philosophy and Social Sciences
People and Society	Political Science – Noncredit		<ul style="list-style-type: none"> Philosophy and Social Sciences
Culture, History, and Languages	Portuguese	<i>See Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
Health and Wellness	Professional Courses in Kinesiology/Physical Education	<ul style="list-style-type: none"> Athletic Coaching Associate Degree Athletic Coaching Certificate of Achievement (24 units) <i>See Kinesiology/Physical Education</i> 	<ul style="list-style-type: none"> Kinesiology
People and Society	Psychology	<ul style="list-style-type: none"> Transfer Preparation Psychology Associate Degree for Transfer 	<ul style="list-style-type: none"> Psychology
People and Society	Public Policy	<ul style="list-style-type: none"> Transfer Preparation Public Policy Associate Degree Public Policy Certificate of Achievement (19 units) <i>See also Political Science</i> 	<ul style="list-style-type: none"> Philosophy and Social Sciences
STEM (Science, Technology, Engineering, and Math)	Recycling and Resource Management	<ul style="list-style-type: none"> Recycling and Resource Management Associate Degree Recycling and Resource Management Certificate of Achievement (18 units) Recycling and Zero Waste Department Certificate (12 units) 	<ul style="list-style-type: none"> Earth Sciences

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AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
	Religious Studies		<ul style="list-style-type: none"> English
Health and Wellness	Respiratory Care	<ul style="list-style-type: none"> Respiratory Care Associate Degree 	<ul style="list-style-type: none"> Health Sciences
Culture, History, and Languages	Russian	<i>See Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
STEM (Science, Technology, Engineering, and Math)	Science	<ul style="list-style-type: none"> Transfer Preparation General Science Associate Degree <i>See also Astronomy</i> <i>See also Biological Sciences</i> <i>See also Chemistry</i> <i>See also Geology</i> <i>See also Physics</i> 	<ul style="list-style-type: none"> Earth Sciences Life Sciences Physical Sciences Interdepartmental
People and Society	Sociology	<ul style="list-style-type: none"> Transfer Preparation Sociology Associate Degree for Transfer <i>See also Liberal Arts – Social and Behavioral Science</i> 	<ul style="list-style-type: none"> Philosophy and Social Sciences
STEM (Science, Technology, Engineering, and Math)	Solar Photovoltaic Installation (Solar Energy Installation)	<i>See Photovoltaic Installation</i>	<ul style="list-style-type: none"> Earth Sciences
Culture, History, and Languages	Spanish	<ul style="list-style-type: none"> Transfer Preparation Spanish Associate Degree for Transfer <i>See also Modern Languages</i> 	<ul style="list-style-type: none"> Modern Languages and Cultures
	Student Activities		<ul style="list-style-type: none"> Counseling
Arts, Media, and Entertainment	Studio Arts	<i>See Art</i>	<ul style="list-style-type: none"> Art
STEM (Science, Technology, Engineering, and Math)	Sustainability Systems and Technologies – Noncredit	<ul style="list-style-type: none"> Sustainability Assistant Certificate of Completion (Noncredit) Sustainability in Organics Aide Certificate of Completion (Noncredit) Sustainability Services Technician Certificate of Completion (Noncredit) 	<ul style="list-style-type: none"> Earth Sciences
Arts, Media, and Entertainment	Theatre Arts	<ul style="list-style-type: none"> Transfer Preparation Theatre Arts Associate Degree for Transfer Technical Theatre Associate Degree Theatre Associate Degree Technical Theatre Certificate of Achievement (19 units) Scenic Design and Construction Department Certificate (9 units) Stage Lighting, Sound and Projection Department Certificate (9 units) 	<ul style="list-style-type: none"> Theatre Arts
	Transfer	<i>See General Education</i> <i>See Liberal Arts</i> <i>See Science</i>	<ul style="list-style-type: none"> Interdepartmental
Culture, History, and Languages	Turkish	<i>See Modern Languages</i>	<ul style="list-style-type: none"> Modern Languages and Cultures
	Urban Studies	<i>See Geography</i>	<ul style="list-style-type: none"> Earth Sciences
	Varsity Intercollegiate Athletics		<ul style="list-style-type: none"> Athletics
People and Society	Women's, Gender, and Sexuality Studies	<ul style="list-style-type: none"> Transfer Preparation Social Justice Studies, Gender Studies Associate Degree for Transfer 	<ul style="list-style-type: none"> Philosophy and Social Sciences Interdepartmental
STEM (Science, Technology, Engineering, and Math)	Zoology	<i>See Biological Sciences</i>	<ul style="list-style-type: none"> Life Sciences

continued on next page

AREA(S) OF INTEREST	DISCIPLINE	ACADEMIC AND CAREER PATHS: Transfer Preparation, Degrees, and Certificates Offered (NOTE: Associate degrees require a minimum of 60 units)	PRIMARY ACADEMIC DEPARTMENT(S)
	PRE-PROFESSIONAL ADVISING FOR:	<ul style="list-style-type: none"> • Chiropractic • Dental • Dental Hygiene • Law • Medical • Pharmacy • Physical Therapy • Teacher Preparation • Veterinary 	<ul style="list-style-type: none"> • Available online smc.edu/articulation

Degrees, Certificates, and Transfer Preparation Information

Accounting

General accountants examine financial records of municipal, county, state, and federal agencies for compliance with laws. They record transactions, such as receivable, payable, payroll, property into a general ledger. Corporate accountants set up and design accounting/bookkeeping systems and procedures, risk management programs, tax law and finance methods, record financial transactions, and analyze and evaluate financial records for businesses. Their duties include interpreting financial information and preparing reports for business executives and government regulatory agencies. Advancement includes senior accountant, controller, treasurer, and chief financial officer positions.

Programs Offered:

- Transfer Preparation
- Accounting Associate Degree
- CPA Track (*formerly Professional Accountant*) Certificate of Achievement (24 units)
- Small Business Tax Practice Certificate of Achievement (17 units)
- Staff Accountant (*formerly General Accountant*) Certificate of Achievement (16 units)
- Business Bookkeeping (*formerly Computer Accounting*) Department Certificate (12 units)
- See also Business

TRANSFER PREPARATION

Students planning to transfer to a four-year college or university should refer to the transfer preparation information under Business.

ACCOUNTING, ASSOCIATE DEGREE

This program is for bookkeepers and accounting clerks who want to advance to a higher professional level. Business owners can strengthen their businesses with best ethical practices and compliance with current accounting standards and laws. Accountants may acquire specialized knowledge of accounting, which includes the setting up and designing of an effective accounting system, the interpretation and preparation of financial and tax information, and the reporting for business executives, partnerships, and nonprofit and governmental agencies.

Program Learning Outcomes: Upon completion of the program, students will effectively comprehend, record, post, and summarize financial accounting information from an original business transaction through the preparation of financial statements and the closing entries at the end of an accounting cycle. Students will demonstrate the ability to prepare calculations and use financial information for business management and decision making.

Required Core Courses: (16 units)

ACCTG 1, Introduction to Financial Accounting (5)

ACCTG 2, Corporate Financial and Managerial Accounting (5)
 BUS 1, Introduction to Business (3)
 BUS 32, Business Communications (3)

Required Electives: (12 units required, with a minimum of 6 units from List A)

LIST A: Select 6 to 12 units:

ACCTG 9, Accounting Ethics (3)

or

BUS 62, Human Relations and Ethical Issues in Business (3)

ACCTG 31A, Excel for Accounting (3)

or

ACCTG 31B, Advanced Excel for Accounting (3)

or

CIS 30, Microsoft Excel (3)

or

CIS 35A, QuickBooks Desktop (3) (*formerly CIS 35; formerly same as ACCTG 35*)

or

CIS 35B, QuickBooks Online (3)

ACCTG 15, Individual Income Taxes (3)

ACCTG 45, Individual Financial Planning (3) (*same as BUS 45*)

BUS 45, Individual Financial Planning (3) (*same as ACCTG 45*)

LIST B: Select a MAXIMUM of 7 units (if less than 12 units are completed from List A):

ACCTG 6, Accounting Consolidations (3)

ACCTG 7, Advanced Accounting: Special Topics (3)

ACCTG 10A, Intermediate Accounting A (3)

ACCTG 10B, Intermediate Accounting B (3)

ACCTG 10C, Intermediate Accounting C (4)

ACCTG 11, Cost Accounting (3)

ACCTG 12, Auditing (3)

ACCTG 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)

ACCTG 19A, IRS Volunteer Income Tax Assistant (VITA) Program – Tax Preparer (1)

ACCTG 23, Payroll Accounting (3)

ACCTG 40A, Data Analytics for Accounting (3)

ACCTG 40B, Auditing Analytics (3)

ACCTG 50, ERP System: Introduction to Accounting (3)

BUS 5, Business Law and the Legal Environment (3)

CPA TRACK (FORMERLY PROFESSIONAL ACCOUNTANT), CERTIFICATE OF ACHIEVEMENT

This program prepares holders of a Bachelor's degree to take the Certified Public Accountant (CPA) Board Exam. For information on the CPA exam, please see the California Board of Accountancy website (dca.ca.gov/cba/).

Program Learning Outcomes: Upon completion of the program, students will demonstrate a range of accounting skills and an understanding of accounting concepts that encompass all areas tested on the Certified Public Accounting exam. These areas include GAAP, cost accounting, accounting for income taxes, accounting ethics, professional auditing responsibilities, and analysis of complex and advanced accounting topics.

Select 24 units from the following:

ACCTG 1, Introduction to Financial Accounting (5)

ACCTG 2, Corporate Financial and Managerial Accounting (5)
 ACCTG 6, Accounting Consolidations (3)
 ACCTG 7, Advanced Accounting: Special Topics (3)
 ACCTG 9, Accounting Ethics (3)
 ACCTG 10A, Intermediate Accounting A (3)
 ACCTG 10B, Intermediate Accounting B (3)
 ACCTG 10C, Intermediate Accounting C (4)
 ACCTG 12, Auditing (3)
 ACCTG 15, Individual Income Taxes (3)
 ACCTG 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)
 ACCTG 40A, Data Analytics for Accounting (3)
 ACCTG 40B, Auditing Analytics (3)
 BUS 5, Business Law and the Legal Environment (3)

SMALL BUSINESS TAX PRACTICE, CERTIFICATE OF ACHIEVEMENT

This program is intended to prepare individuals to enter the tax profession and enable them to prepare tax returns for the general public. In addition, hands-on experience in the form of supervised tax preparation through an internship or SMC's Volunteer Income Tax Assistance (VITA) program provides real-world knowledge.

Program Learning Outcomes: Upon completion of the program, students will demonstrate a range of tax preparation skills required to complete both Federal and State tax returns for individuals.

Internship or Volunteer Income Tax Assistance (VITA) program participation.

ACCTG 19A, IRS Volunteer Income Tax Assistance (VITA) Program – Tax Preparer (1)

or

ACCTG 90A, Accounting Internship (1)

Required courses: (10 units)

ACCTG 9, Accounting Ethics (3)

ACCTG 16, Taxation of Corporations, Partnerships, Estates and Trusts (3)

ACCTG 17, Income Tax Preparation (CTEC-Approved) (4)

Select two courses from the following: (6 units)

ACCTG 31A, Excel for Accounting (3)

or

ACCTG 31B, Advanced Excel for Accounting (3)

BUS 8, Law for the Entrepreneur (3)

BUS 23, Principles of Selling (3)

BUS 34A, Introduction to Digital Marketing (3)
(formerly BUS 34)

BUS 63, Principles of Entrepreneurship (3)

STAFF ACCOUNTANT (FORMERLY GENERAL ACCOUNTANT) (FORMERLY ACCOUNTING), CERTIFICATE OF ACHIEVEMENT

This program is for bookkeepers and accounting clerks who want to advance to a higher professional level. Accountants may acquire specialized knowledge of accounting, which includes the setting up and designing of an effective accounting system, and interpretation and preparation of financial and tax information. Students completing this Certificate of Achievement may wish to pursue the Accounting Associate degree by satisfying additional requirements.

Program Learning Outcomes: Upon completion of the program, students will effectively comprehend, record, post, and summarize financial accounting information from an original business transaction through the preparation of financial statements and the closing entries at the end of an accounting cycle. Students will demonstrate the ability to prepare calculations and use financial information for business management and decision making.

Required Core Courses: (16 units)

ACCTG 1, Introduction to Financial Accounting (5)

ACCTG 2, Corporate Financial and Managerial Accounting (5)

ACCTG 10A, Intermediate Accounting A (3)

ACCTG 10B, Intermediate Accounting B (3)

BUSINESS BOOKKEEPING (FORMERLY COMPUTER ACCOUNTING), DEPARTMENT CERTIFICATE

This certificate is designed to provide students with the basic accounting skills and knowledge necessary to obtain entry-level accounting and other accounting-support positions in small- and medium-size businesses.

Program Learning Outcomes: Upon completion of the program, students will demonstrate basic knowledge of computerized accounting application software, such as word processing, spreadsheet, and basic general ledger applications.

Required Courses: (12 units)

ACCTG 21, Business Bookkeeping (3)

ACCTG 22, Advanced Bookkeeping (3)

ACCTG 23, Payroll Accounting (3)

ACCTG 31A, Excel for Accounting (3)

or

ACCTG 31B, Advanced Excel for Accounting (3)

or

CIS 35A, QuickBooks Desktop (3) *(formerly CIS 35; formerly same as ACCTG 35)*

or

CIS 35B, QuickBooks Online (3)

Administration of Justice

The Associate in Science in Administration of Justice for Transfer (AS-T) involves the study of the functions and roles of the police, courts, and corrections. This course of study provides students the opportunity to acquire skills in research, information gathering, observation, analytical and critical thinking, and written and verbal communication. This major may lead to a career in law enforcement, private security, corrections, forensics, and related areas.

Programs Offered:

- Transfer Preparation
- Administration of Justice Associate Degree for Transfer
- Criminal Justice Certificate of Achievement (15 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for

the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at *assist.org*.

A listing of private, nonprofit California colleges and universities can be found online at *aiccu.edu*. For articulation agreements between SMC and some of these institutions see *smc.edu/articulation*.

SMC offers the **Administration of Justice Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Administration of Justice AS-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at *calstate.edu/transfer/ad-search/search.shtml*

ADMINISTRATION OF JUSTICE, ASSOCIATE DEGREE FOR TRANSFER

Upon completion of the Associate in Science in Administration of Justice (AS-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into an Administration of Justice program for many campuses in the California State University system. Students will be able to analyze the influence of new technology and how it will impact the criminal justice system.

Program Learning Outcomes: Upon completion of the program, students will be able to evaluate complex issues in criminal justice from varying perspectives. Students will demonstrate an understanding of the functions of the police, courts, and corrections.

Required Core Courses: (6 units)

- AD JUS 1, Introduction to Administration of Justice (3)
- AD JUS 2, Concepts of Criminal Law (3)

List A: Select two courses (6 units)

- AD JUS 3, Legal Aspects of Evidence (3)
- AD JUS 5, Criminal Investigation (3)
- AD JUS 8, Juvenile Procedures (3)
- AD JUS 11, Introduction to Forensics (3)
- AD JUS 67, Community and the Justice System (3)

List B: Select two courses (6 units)

- BUS 32, Business Communications (3)
- CIS 4, Business Information Systems with Applications (3)
- COM ST 11, Elements of Public Speaking (3)
- COM ST 12, Persuasion (3)
- COM ST 16, Fundamentals of Small Group Discussion (3)
- COM ST 21, Argumentation (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

ENGL 31, Advanced Composition (3)

HIST 47, The Practice of History (3)

MATH 2, Precalculus (5)

MATH 7, Calculus 1 (5)

MATH 21, Finite Mathematics (3)

MATH 28, Calculus 1 for Business and Social Science (5)

MATH 54, Elementary Statistics (4)

PHILOS 7, Logic and Critical Thinking (3)

PHILOS 9, Symbolic Logic (3)

POL SC 1, American and California Politics (3)

PSYCH 1, General Psychology (3)

SOCIOL 4, Sociological Analysis (3)

SOCIOL 1, Introduction to Sociology (3)

or

SOCIOL 1s, Introduction to Sociology – Service Learning (3)

SOCIOL 2, Social Problems (3)

or

SOCIOL 2s, Social Problems – Service Learning (3)

CRIMINAL JUSTICE, CERTIFICATE OF ACHIEVEMENT

This program is designed for students who are interested in pursuing an entry-level job in the criminal justice field and need a working knowledge of the fundamental concepts in this area. This certificate comprises courses in the introduction to the administration of Justice, criminal law, evidence, criminal investigation and community and the justice system.

Program Learning Outcomes:

- Demonstrate an understanding of the functions of the criminal justice system and apply key concepts to this setting.
- Explain the procedures that govern the progression of a case from arrest through sentencing and beyond.
- Analyze the evolutionary processes in criminal investigation.
- Evaluate the admissibility of different types of evidence for trial.
- Demonstrate an understanding of the strategies for effective and just policing in a diverse society.

Required Core Courses: (15 units)

- AD JUS 1, Introduction to Administration of Justice (3)
- AD JUS 2, Concepts of Criminal Law (3)
- AD JUS 3, Legal Aspects of Evidence (3)
- AD JUS 5, Criminal Investigation (3)
- AD JUS 67, Community and the Justice System (3)

African and Middle Eastern Studies

See Modern Languages

American Sign Language

See Modern Languages

Anatomy

See *Biological Sciences*

Animation

Programs Offered:

- Transfer Preparation
- Animation Associate Degree
- 2D Animation Certificate of Achievement (18 units)
- 3D Animation Certificate of Achievement (17 units)
- 3D Production Certificate of Achievement (17 units)
- Animation Foundation Certificate of Achievement (15 units)
- Visual Development Certificate of Achievement (18 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

ANIMATION, ASSOCIATE DEGREE

See *recommended course sequence below*.

The Associate degree in Animation program is a comprehensive study of the skills necessary to create 2D or 3D digital animation for the entertainment industry. The required coursework begins with the Animation Foundation Certificate of Achievement, combining a solid foundation in animation history and visual storytelling with hands-on experience in digital animation pre-production and production processes.

After successfully completing the Animation Foundation, students pursue a concentration in 2D Animation, 3D Animation, 3D Production, or Visual Development. Each concentration reflects an area of industry specialization, and is awarded as a second Certificate of Achievement. Students must complete the required coursework for the Animation Foundation and at least one concentration to be eligible for the Associate degree in Animation.

Throughout the Associate degree in Animation program, students learn to develop professional skills, demonstrate those skills in effective entry-level portfolios, and work collaboratively on team-based projects. Students may also participate in internships with industry partners when available.

Program Learning Outcomes: Upon completion of the program, students will be able to create original content that demonstrates an understanding of the professional animation production pipeline, and develop an effective portfolio

for transfer or entry-level employment in the entertainment industry.

Required Core Courses: (15 units)

- ANIM 1, Storytelling (3) (*formerly ET 2*)
- ANIM 2, 2D Animation Fundamentals (3) (*formerly ET 19A*)
- ANIM 3, 3D Fundamentals (3) (*same as ET 24*)
- ANIM 4, Digital Storyboarding (3) (*formerly ET 18*)
- ANIM 5, History of Animation (3) (*formerly ET 61*)

Required Concentration: Select 1 of the following concentrations: (minimum 17 units as specified)

2D Animation Concentration: (18 units)

- ANIM 18, Perspective Drawing (2) (*formerly ET 91*)
- ANIM 19, Color Theory and Application (2) (*formerly ET 94*)
- ANIM 20, Intermediate 2D Animation (3) (*formerly ET 19B*)
- ANIM 21, Advanced 2D Animation (3) (*formerly ET 23*)
- ANIM 22, 2D Digital Production (3) (*formerly ET 75*)
- ANIM 75, Career Development (2) (*formerly ET 72*)
- ANIM 85, Animation Studio (3) (*formerly ET 30*)

or

3D Animation Concentration: (17 units)

- ANIM 20, Intermediate 2D Animation (3) (*formerly ET 19B*)
- ANIM 30, Intermediate 3D Animation (3) (*formerly ET 24B*)
- ANIM 31, Advanced 3D Animation (3) (*formerly ET 24C*)
- ANIM 32, Digital Previsualization (3) (*formerly ET 24D*)
- ANIM 75, Career Development (2) (*formerly ET 72*)
- ANIM 85, Animation Studio (3) (*formerly ET 30*)

or

3D Production Concentration: (17 units)

- ANIM 35, 3D Modeling (3) (*formerly ET 25*)
- ANIM 36, 3D Texturing and Rendering (3) (*formerly ET 26*)
- ANIM 37, 3D Character Creation (3) (*formerly ET 25B*)
- ANIM 38, 3D Character Rigging (3) (*formerly ET 25C*)
- ANIM 75, Career Development (2) (*formerly ET 72*)
- ANIM 85, Animation Studio (3) (*formerly ET 30*)

or

Visual Development Concentration: (18 units)

- ANIM 18, Perspective Drawing (2) (*formerly ET 91*)
- ANIM 19, Color Theory and Application (2) (*formerly ET 94*)
- ANIM 40, Character Design (3) (*formerly ET 21A*)
- ANIM 41, Environment Design (3) (*formerly ET 21B*)
- ANIM 42, Prop and Vehicle Design (3) (*formerly ET 21C*)
- ANIM 75, Career Development (2) (*formerly ET 72*)
- ANIM 80, Visual Development Studio (3) (*formerly ET 20*)

2D ANIMATION, CERTIFICATE OF ACHIEVEMENT

The 2D Animation certificate is a comprehensive study of the process of creating two-dimensional animation for use in the entertainment industry. Students learn to create high-quality 2D animated content for a variety of projects using standard industry tools and methods.

Program Learning Outcomes: Upon completion of the program, students will be able to create original content that demonstrates an understanding of the professional

2D animation production pipeline, and develop an effective portfolio for transfer or entry-level employment in the entertainment industry.

Required Courses: (18 units)

- ANIM 18, Perspective Drawing (2) *(formerly ET 91)*
- ANIM 19, Color Theory and Application (2) *(formerly ET 94)*
- ANIM 20, Intermediate 2D Animation (3) *(formerly ET 19B)*
- ANIM 21, Advanced 2D Animation (3) *(formerly ET 23)*
- ANIM 22, 2D Digital Production (3) *(formerly ET 75)*
- ANIM 75, Career Development (2) *(formerly ET 72)*
- ANIM 85, Animation Studio (3) *(formerly ET 30)*

3D ANIMATION, CERTIFICATE OF ACHIEVEMENT

The 3D Animation program is a comprehensive study of the process of creating three-dimensional animation for use in the entertainment industry. Students learn to create high quality 3D animated content for a variety of projects using standard industry tools and methods.

Program Learning Outcomes: Upon completion of the program, students will be able to create original content that demonstrates an understanding of the professional 3D animation production pipeline, and to develop an effective portfolio for transfer or entry-level employment in the entertainment industry.

Required Courses: (17 units)

- ANIM 20, Intermediate 2D Animation (3) *(formerly ET 19B)*
- ANIM 30, Intermediate 3D Animation (3) *(formerly ET 24B)*
- ANIM 31, Advanced 3D Animation (3) *(formerly ET 24C)*
- ANIM 32, Digital Previsualization (3) *(formerly ET 24D)*
- ANIM 75, Career Development (2) *(formerly ET 72)*
- ANIM 85, Animation Studio (3) *(formerly ET 30)*

3D PRODUCTION, CERTIFICATE OF ACHIEVEMENT

The 3D Production program is a comprehensive study of the process of creating three-dimensional assets for use in the entertainment industry. Students learn to create high-quality 3D production assets for a variety of projects using standard industry tools and methods.

Program Learning Outcomes: Upon completion of the program, students will be able to create original content that demonstrates an understanding of the professional 3D production pipeline, and to develop an effective portfolio for transfer or entry-level employment in the entertainment industry.

Required Courses: (17 units)

- ANIM 35, 3D Modeling (3) *(formerly ET 25)*
- ANIM 36, 3D Texturing and Rendering (3) *(formerly ET 26)*
- ANIM 37, 3D Character Creation (3) *(formerly ET 25B)*
- ANIM 38, 3D Character Rigging (3) *(formerly ET 25C)*
- ANIM 75, Career Development (2) *(formerly ET 72)*
- ANIM 85, Animation Studio (3) *(formerly ET 30)*

ANIMATION FOUNDATION, CERTIFICATE OF ACHIEVEMENT

The Animation Foundation program provides a solid foundation in animation history and visual storytelling, as well as hands-on exposure to digital animation pre-production and production processes. Students will gain a fundamental understanding of industry-standard software applications.

Program Learning Outcomes: Upon completion of the program, students will be able to create original content that demonstrates an understanding of 2D and 3D animation principals using standard industry tools and methodologies. Students will also be able to make informed choices in pursuing entry-level employment or advanced study in areas of animation development or production.

Required Courses: (15 units)

- ANIM 1, Storytelling (3) *(formerly ET 2)*
- ANIM 2, 2D Animation Fundamentals (3) *(formerly ET 19A)*
- ANIM 3, 3D Fundamentals (3) *(formerly ET 24)*
- ANIM 4, Digital Storyboarding (3) *(formerly ET 18)*
- ANIM 5, History of Animation (3) *(formerly ET 61)*

VISUAL DEVELOPMENT, CERTIFICATE OF ACHIEVEMENT

The Visual Development program is comprehensive study of the visual development pre-production process used in the entertainment industry. Students learn to create high-quality visual development art and storyboard animatics for a variety of projects using standard industry tools and methods.

Program Learning Outcomes: Upon completion of the program, students will be able to create original content that demonstrates an understanding of the professional visual development process, and to develop an effective portfolio for transfer or entry-level employment in the entertainment industry.

Required Courses: (18 units)

- ANIM 18, Perspective Drawing (2) *(formerly ET 91)*
- ANIM 19, Color Theory and Application (2) *(formerly ET 94)*
- ANIM 40, Character Design (3) *(formerly ET 21A)*
- ANIM 41, Environment Design (3) *(formerly ET 21B)*
- ANIM 42, Prop and Vehicle Design (3) *(formerly ET 21C)*
- ANIM 75, Career Development (2) *(formerly ET 72)*
- ANIM 80, Visual Development Studio (3) *(formerly ET 20)*

Anthropology

Anthropologist is a general term for those who study human societies, both present and past. A socio-cultural anthropologist may work in a field such as development, community organizing, policy analysis, and social research. Linguistic anthropologists may work in the areas of intercultural communication, language revitalization, and literacy programs. An emphasis in Archaeology lends itself to work in one of many Federal and State agencies and private cultural resource management firms. Biological and medical anthropologists work in the growing sector of health related occupations and research. Consultants are employed in his-

torical and ethnographic research, forensic work, archaeological survey and excavation, museums and teaching.

Programs Offered:

- Transfer Preparation
- Anthropology Associate Degree for Transfer
- Cultural Resource Management Certificate of Achievement (9 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Anthropology. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the **Anthropology Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Anthropology AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml

ANTHROPOLOGY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Anthropology for Transfer (AA-T) involves the critical examination of human societies, both present and past. It provides basic information about humankind and is designed to stimulate critical thinking about ways of living in the world. The courses of this degree address the four sub-disciplines of Anthropology which attempt to understand basic aspects of humankind. Cultural anthropology studies human behavior to understand the cultural values that guide the behaviors. Archaeology examines the material record of human activity in order to understand how ideas change over time. Anthropological linguistics is the study of the human capacity for language and its use. Physical anthropology (also called biological anthropology) is the study of human evolution, which includes human biological diversity.

Upon completion of the Associate in Arts in Anthropology for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division

baccalaureate study. Students who have completed the Associate in Arts for Transfer in Anthropology will have satisfied the lower-division requirements for transfer into Anthropology or similar majors for many campuses in the California State University system.

Program Learning Outcomes: Upon completion of the program, students will: (1) develop an integrated understanding of humans and human variation; (2) explore the concepts, theories, and methodologies anthropologists use to analyze human behavior; (3) discover how anthropology can be used to address contemporary issues; and (4) use an evolutionary framework to investigate humans and non-human primates.

Required Core Course: (9 units)

ANTHRO 1, Biological Anthropology (3)

or

ANTHRO 5, Biological Anthropology with Lab (4)

ANTHRO 2, Cultural Anthropology (3)

ANTHRO 4, Methods of Archaeology (3)

AREA A: Select at least 1 course from the following: (3 units)

ANTHRO 7, Introduction to Linguistic Anthropology (3)

ANTHRO 22, Magic, Religion, and Witchcraft (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

ENGL 31, Advanced Composition (3)

GEOG 1, Physical Geography (3)

GEOG 2, Introduction to Human Geography (3)

HIST 47, The Practice of History (3)

MATH 54, Elementary Statistics (4)

AREA B: Select at least 1 course from the following: (3 units)

ANY COURSE NOT USED IN AREA A

ANATMY 1, Human Anatomy (4)

GEOG 20, Introduction to Geographic Information Systems (3) (*same as GIS 20*); *formerly same as CIS 20*)

GEOL 4, Physical Geology with Lab (4)

GEOL 5, Historical Geology with Lab (4)

PHILOS 6, Philosophy of Science (3)

PSYCH 7, Research Methods in Psychology (3)

AREA C: Select at least 1 course from the following:

ANY COURSE NOT USED IN AREA A OR AREA B

ANTHRO 3, 9, 10, 14, 19, 20, 21, 35s

AHIS 11, 71, 72

COM ST 14, 37

DANCE 2

ECE 11

ECON 5 (*same as POL SC 5 and GLOBAL 5*)

ENGL 9, 10, 34, 41, 53, 54

FILM 7

GEOG 8 (*same as URBAN 8*), 11 (*same as GLOBAL 11*), 14

GLOBAL 5 (*same as ECON 5 and POL SC 5*), 10, 11 (*same as GEOG 11*)

HIST 10, 16, 33, 34, 38, 39, 41, 42, 43, 62

MEDIA 10

MUSIC 33, 37

NUTR 7

POL SC 5 (*same as ECON 5 and GLOBAL 5*), 21

SOCIOL 1, 1s, 2, 2s, 30, 31, 32, 34

URBAN 8 (*same as GEOG 8*)

CULTURAL RESOURCE MANAGEMENT, CERTIFICATE OF ACHIEVEMENT

This certificate provides specific knowledge and practical experience to students who may pursue careers in cultural resource management (CRM), archaeology, anthropology, museum studies, or historic preservation. CRM integrates the fields of archaeology and historic preservation to address the myriad types of federal, state, and local legislation aimed at protecting cultural resources. CRM is the fastest growing sub-discipline within archaeology, and ensures that critical archaeological concerns are represented throughout project planning and construction.

Program Learning Outcomes: Upon completion of the program, students will identify the complex relationship between economic development and heritage preservation; demonstrate understanding of the ethical issues surrounding the conservation of archaeological sites; demonstrate an understanding of archaeological and anthropological principles as they pertain to cultural resource management; and demonstrate adequate excavation or laboratory techniques necessary for employment within the field of cultural resource management.

Required Core Courses: (6 units)

ANTHRO 3, World Archaeology (3)

or

ANTHRO 4, Methods of Archaeology (3)

and

ANTHRO 35s, Archaeological Field Techniques (3)

or

ERTHSC 88A, Independent Studies in Earth Science (1)

and

ERTHSC 88B, Independent Studies in Earth Science (2)

Select one: (3 units)

ANTHRO 1, Biological Anthropology (3)

ANTHRO 3, World Archaeology* (3)

ANTHRO 4, Methods of Archaeology* (3)

ANTHRO 5, Biological Anthropology with Lab (4)

ANTHRO 9, Paleoanthropology (3)

ANTHRO 10, Forensic Anthropology (3)

ANTHRO 35S, Archaeological Field Techniques* (3)

ART 10A, Design I (3)

ASTRON 6, Archeoastronomy (3)

GEOG 14, Geography of California (3)

GEOG 20, Introduction to Geographic Information Systems (3) (*same as GIS 20*)

GEOG 23, Intermediate Geographic Information Systems (3) (*same as GIS 23*)

GEOL 1, Physical Geology without Lab (3)

GEOL 4, Physical Geology with Lab (4)

GIS 20, Introduction to Geographic Information Systems (3) (*same as GEOG 20*)

GIS 23, Intermediate Geographic Information Systems (3) (*same as GEOG 23*)

GIS 27, Applications in Geographic Information Systems (3)

GEOG 14, Geography of California (3)

GEOL 1, Physical Geology without Lab (3)

GEOL 4, Physical Geology with Laboratory (4)

HIST 20, History of California (3)

HIST 41, Native-American History (3)

PHOTO 1, Introduction to Photography (3)

PHOTO 30, Techniques of Lighting: Introduction (4)

PHOTO 39, Beginning Photoshop (3)

**If not used above.*

Arabic

See Modern Languages

Architecture

This program explores architecture through cultural, environmental, and social relevance while understanding and addressing critical issues facing the built environment. Innovative design, critical analysis, and communication skills are developed in drawing, writing, modeling, and collaboration. Students completing the AS degree may apply for transfer to a university program in architecture, interior architecture, or environmental design, or obtain an entry-level position in the same fields.

Note: In addition to meeting academic requirements for admittance into a university, architecture programs also require prospective students to submit a portfolio to review for admittance into the program. It is recommended that students make an appointment with counselors at the institution of their choice to inquire about requirements.

After completion of this architecture program, California students have the option to pursue a license in architecture through the NCARB internship process.

Programs Offered:

- Transfer Preparation
- Architecture Associate Degree
- Architecture Certificate of Achievement (31 units)
- Architecture and Interior Design Digital Production Certificate of Achievement (16 units)
- See also Interior Architectural Design

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

ARCHITECTURE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to research and analyze critical concepts of design and human interaction within the built environment, understand architecture's role in society, develop environmentally responsible designs, and communicate design concepts through drawing, writing, modeling, and collaboration. Students will

develop a portfolio of work displaying design and technical skills to apply as an entry level interior architectural designer or drafter, or to transfer to a university.

Required Courses: (31 units)

- AHIS 21, Architectural History: Ancient to 1850 (3)
- AHIS 22, Architectural History and Theory: 1850 to Present (3)
- ARC 10, Studio 1 (3) *(formerly INTARC 34B)*
- ARC 11, Design Communication 1 (3) *(formerly INTARC 28B/INTARC 29)*
- ARC 20, Studio 2: Architecture (3)
- ARC 21, Design Communication 2 (3) *(formerly INTARC 28A/INTARC 35)*
- ARC 30, Studio 3: Architecture (3)
- ARC 31, Design Communication 3 (3) *(formerly INTARC 38)*
- ARC 32, Construction Materials and Methods (3)
- ARC 40, Studio 4: Architecture (3)
- ARC 70, Portfolio (1)

ARCHITECTURE AND INTERIOR DESIGN DIGITAL PRODUCTION, CERTIFICATE OF ACHIEVEMENT

This certificate provides students with practical knowledge using industry standard tools and techniques. Focus is on communicating ideas and projects using a variety of technical skills including digital drafting, modeling, rendering, image enhancement, fabrication and the use of VR in the design industry. Students will be prepared to work in a wide range of design disciplines including, architecture, interior design, fixture and furnishing design, and 3D rendering firms.

Program Learning Outcomes: Upon completion of the certificate, students will demonstrate the ability to communicate designs and projects through drawing, modeling, and collaboration. Students will develop a portfolio of work displaying a variety of technical skills to apply as an entry level drafter or renderer.

Required Courses: (16 units)

- ARC 11, Design Communication 1 (3) *(formerly INTARC 28B/INTARC 29)*
- ARC 21, Design Communication 2 (3) *(formerly INTARC 28A/INTARC 35)*
- ARC 31, Design Communication 3 (3) *(formerly INTARC 38)*
- ARC 41, Design Communication 4 (3) *(formerly INTARC 70)*
- ARC 51, Design Communication 5 (3) *(formerly INTARC 65)*
- ARC 70, Portfolio (1)

Art

Artists express their thoughts and feelings by creating fine art works that are primarily intended for aesthetic enjoyment. Related career titles include advertising artist or designer, art administrator, furniture designer, illustrator, courtroom sketcher, medical illustrator, animator and toy designer. Some organizations that typically employ art majors include: studios, museums, auction houses, art councils, educational institutions, hospitals, interior design

departments, advertising agencies, and film and media production companies.

Programs Offered:

- Transfer Preparation
- Studio Arts Associate Degree for Transfer
- Art Associate Degree
- See also Art History

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

In addition to meeting academic requirements, most universities and art schools require prospective students to submit a portfolio with evidence of individual style and concepts for admission to be presented to the Art Department of each institution they apply to for admission.

It is highly recommended that students follow the “**For Transfer Consideration and Portfolio Development in Art**” with Elective Areas of Specialization prepared by the SMC Art Department. These recommendations may be found below, in General Counseling & Transfer Services, the Art Department, and online at smc.edu/articulation. The recommendations will help students to develop a successful portfolio for transfer.

In addition, students should make an appointment with the institution of their choice to find out about specific courses and portfolio projects needed for transfer.

SMC offers the **Studio Arts Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Studio Arts AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml

STUDIO ARTS, ASSOCIATE DEGREE FOR TRANSFER

Upon completion of the Associate in Arts in Studio Arts for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements

for transfer into Studio Arts or similar majors for many campuses in the California State University system.

Program Learning Outcomes: Upon completion of this program, students will be able to demonstrate an ability to work with contemporary visual ideas and their solutions as they apply to studio practice; have an understanding of conceptual thinking and the ability to communicate their ideas using research that will include media, visual culture, art history, history, and an understanding of the importance of verbal and written skills; and develop strong visualization skills, professional attitude, and a portfolio that supports their goals.

Required Core Courses: (12 units)

- AHIS 2, Western Art History II (3)
- ART 10A, Design I (3)
- ART 13, Form and Space: Introduction to 3D Design (3)
- ART 20A, Drawing I – Introduction to Drawing (3)

LIST A: Select 1 course from the following: (3 units)

- AHIS 1, Western Art History I (3)
- AHIS 3, Global Art History Since 1860 (3)
- AHIS 17, Arts of Asia (3)

LIST B: Select 3 courses from the following: (9 units)

- ART 10B, Design Theory & Practice (3)
- ART 10C, Digital Media (3)
- ART 15, Lettering (3)
- ART 17A, 3D Jewelry Design I (3)
- ART 17B, 3D Jewelry Design II (3)
- ART 20B, Drawing II – Drawing with Color (3)
- ART 20C, Digital Drawing (3)
- ART 21A, Figure Drawing I (3)
- ART 21B, Figure Drawing II (3)
- ART 30A, Beginning Watercolor Painting I (3)
- ART 30B, Watercolor Painting II (3)
- ART 30C, Acrylic Painting Techniques (3)
- ART 31, Beginning Oil Painting (3)
- ART 32, Intermediate Painting (3)
- ART 33, Figure Painting (3)
- ART 35, Airbrush Techniques (3)
- ART 40A, Sculpture Fundamentals (3)
- ART 40B, Sculpture Explorations (3)
- ART 40C, Advanced Sculpture (3)
- ART 41A, Figure Modeling Sculpture I (3)
- ART 41B, Figure Modeling Sculpture II (3)
- ART 43A, Glass Sculpture I (3)
- ART 52A, Introduction to Ceramics (3)
- ART 52B, Ceramics: Hand Building (3)
- ART 60, Introduction to Printmaking (3)
- ART 61A, Etching (3)
- ART 61B, Advanced Etching (3)
- ART 62, Serigraphy (Silkscreen) (3)
- ART 63, Lithography (3)

ART, ASSOCIATE DEGREE

Program Learning Outcomes: Upon completion of the program, students will demonstrate an appreciation and understanding of art and art history in order to develop creative and critical thinking solutions to various art and art history issues. Students will look at an artistic situation, whether in implementation or analysis, in order to develop and create a strategy for its solution.

Required Core Courses: (9 units)

- ART 10A, Design I (3)
- ART 13, Form and Space: Introduction to 3D Design (3)
- ART 20A, Drawing I – Introduction to Drawing (3)

Select 1 Art History course:

- AHIS 2 recommended
- AHIS 1, Western Art History I (3)
- AHIS 2, Western Art History II (3)
- AHIS 3, Global Art History Since 1860 (3)
- AHIS 5, Latin American Art History 1 (3)
- AHIS 6, Latin American Art History 2 (3)
- AHIS 11, Art Appreciation: Introduction to Global Visual Culture (3)
- AHIS 15, Mexican Art History (3)
- AHIS 17, Arts of Asia (3)
- AHIS 18, Introduction To African Art History (3)
- AHIS 21, Architectural History: Ancient to 1850 (3)
- AHIS 22, Architectural History and Theory – 1850 to Present (3)
- AHIS 52, History of Photography (3) (*same as PHOTO 52*)
- AHIS 71, African American Art History (3)
- AHIS 72, American Art History (3)

Select 2 courses (6 units), with a minimum of 3 units in Art

- ART 21A recommended
- ART 10B, Design Theory & Practice (3)
- ART 10C, Digital Media (3)
- ART 15, Lettering (3)
- ART 17A, 3D Jewelry Design I (3)
- ART 17B, 3D Jewelry Design II (3)
- ART 20B, Drawing II – Drawing with Color (3)
- ART 20C, Digital Drawing (3)
- ART 21A, Figure Drawing I (3)
- ART 21B, Figure Drawing II (3)
- ART 30A, Beginning Watercolor Painting I (3)
- ART 30B, Watercolor Painting II (3)
- ART 30C, Acrylic Painting Techniques (3)
- ART 31, Beginning Oil Painting (3)
- ART 32, Intermediate Painting (3)
- ART 33, Figure Painting (3)
- ART 34A, New Genres (3)
- ART 34B, Contemporary Art Theory and Practice (3)
- ART 35, Airbrush Techniques (3)
- ART 40A, Sculpture Fundamentals (3)
- ART 40B, Sculpture Explorations (3)
- ART 40C, Advanced Sculpture (3)
- ART 41A, Figure Modeling Sculpture I (3)
- ART 41B, Figure Modeling Sculpture II (3)
- ART 43A, Glass Sculpture I (3)
- ART 43B, Glass Sculpture II (3)
- ART 52A, Ceramics: Hand Building (3)
- ART 52B, Ceramics: Hand Building (3)
- ART 52C, Ceramics III (3)
- ART 53A, Introduction to Wheel Throwing (3)
- ART 53B, Wheel Throwing Processes and Techniques (3)
- ART 60, Introduction to Printmaking (3)
- ART 60B, Introduction To Digital Printing (3)
- ART 61A, Etching (3)
- ART 61B, Advanced Etching (3)
- ART 74, Introduction to Creative Coding and Generative Art (3)
- ART 75, Form and Information (3)

Art History: Select 1 course (3 units), if less than 2 courses (6 units) are completed from Art

- AHIS 1, Western Art History I (3)
- AHIS 2, Western Art History II (3)
- AHIS 3, Global Art History Since 1860 (3)
- AHIS 5, Latin American Art History 1 (3)
- AHIS 6, Latin American Art History 2 (3)
- AHIS 11, Art Appreciation: Introduction to Global Visual Culture (3)
- AHIS 15, Mexican Art History (3)
- AHIS 17, Arts of Asia (3)
- AHIS 18, Introduction To African Art History (3)
- AHIS 21, Architectural History: Ancient to 1850 (3)
- AHIS 22, Architectural History and Theory – 1850 to Present (3)
- AHIS 52, History of Photography (3) (*same as PHOTO 52*)
- AHIS 71, African American Art History (3)
- AHIS 72, American Art History (3)
- ART 62, Serigraphy (Silkscreen) (3)
- ART 63, Lithography (3)

For Transfer Consideration and Portfolio Development in Art

In addition to the required courses of the Art degree above, the SMC Art Department recommends the following courses of study for transfer consideration and portfolio development:

Painting/Drawing/Printmaking Emphasis:

- ART 21B, Figure Drawing II (3)
- ART 30A, Beginning Watercolor Painting I (3)
- ART 30B, Watercolor Painting II (3)
- ART 30C, Acrylic Painting Techniques (3)
- ART 32, Intermediate Painting (3)
- ART 33, Figure Painting (3)
- ART 35, Airbrush Techniques (3)
- ART 60, Introduction to Printmaking (3)
- ART 61A, Etching (3)
- ART 61B, Advanced Etching (3)
- ART 62, Serigraphy (Silkscreen) (3)
- ART 63, Lithography (3)

Contemporary Art Practice and Theory Emphasis:

- ART 34B, Contemporary Art Theory and Practice (3)

Fine Arts Emphasis:

- ART 13, Form and Space: Introduction to 3D Design (3)
- ART 32, Intermediate Painting (3)
- ART 33, Figure Painting (3)
- ART 40A, Sculpture Fundamentals (3)

New Technologies Emphasis:

- ART 20C, Digital Drawing (3)
- PHOTO 1, Introduction to Photography (3)
- PHOTO 2, Basic Black and White Darkroom Techniques (3)

Printmaking Emphasis:

- ART 60B, Introduction to Digital Printing (3)
- ART 62, Serigraphy (Silkscreen) (3)

Select 1 additional course from the following:

- AHIS 3, Global Art History Since 1860 (3)
- AHIS 52, History of Photography (3) (*same as PHOTO 52*)
- AHIS 72, American Art History (3)

Design with a Digital Technologies Emphasis:

- ART 15, Lettering (3)
- ART 20C, Digital Drawing (3)
- ART 21B, Figure Drawing II (3)
- ART 30A, Beginning Watercolor Painting I (3)
- ART 30B, Watercolor Painting II (3)
- ART 30C, Acrylic Painting Techniques (3)
- ART 34B, Contemporary Art Theory and Practice (3)
- ART 60B, Introduction to Digital Printing (3)
- ART 61A, Etching (3)
- ART 61B, Advanced Etching (3)
- ART 62, Serigraphy (Silkscreen) (3)
- ART 63, Lithography (3)

3-D/Ceramics and Sculpture Emphasis:

- ART 13, Form and Space: Introduction to 3D Design (3)
- ART 17A, 3D Jewelry Design I (3)
- ART 17B, 3D Jewelry Design II (3)
- ART 40A, Sculpture Fundamentals (3)
- ART 40B, Sculpture Explorations (3)
- ART 40C, Advanced Sculpture (3)
- ART 41A, Figure Modeling Sculpture I (3)
- ART 41B, Figure Modeling Sculpture II (3)
- ART 43A, Glass Sculpture I (3)
- ART 43B, Glass Sculpture II (3)
- ART 52A, Introduction to Ceramics (3)
- ART 52B, Ceramics: Hand Building (3)
- ART 52C, Ceramics III (3)

Art History

Art history is the study of art created in the past by individuals from various cultures and parts of the world. It is the study of the historical development of art as social and intellectual phenomenon, the analysis of works of art and art conservation. Students study specific periods, cultures, styles and themes. The art historian seeks to interpret and understand works of art of many types, ranging from the monumental to small scale, by learning about artists' lives and their societies. Students are prepared for a wide range of professional careers – in museums, galleries, auction houses or publishing, including antique dealer, art appraiser, art dealer, art restorer and museum curator.

Programs Offered:

- Transfer Preparation
- Art History Associate Degree for Transfer

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

SMC offers the **Art History Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Art History AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml

ART HISTORY, ASSOCIATE DEGREE FOR TRANSFER

Program Learning Outcomes: Upon completion of the program, students will have proficiency in the written and verbal critical analysis of diverse visual cultures and artworks, demonstrate the basics of aesthetic formal analysis, and gain the vocabulary necessary to conduct a coherent critical investigation of artworks in both written and verbal form, as well as the ability to situate those artworks within a social context and a historical chronology. Additionally, students will demonstrate the ability to explore the function of aesthetic objects, the materials and techniques of artistic production, systems of patronage, the conventions of representation, and the relationship between art, politics, race, gender, sexuality, and power.

Required Core Courses: (9 units)

- AHIS 1, Western Art History I (3)
- AHIS 2, Western Art History II (3)
- ART 20A, Drawing I – Introduction to Drawing (3)

*LIST A: Select 1 course from the following: (3 units)**

- AHIS 5, Latin American Art History 1 (3)
- AHIS 6, Latin American Art History 2 (3)
- AHIS 15, Mexican Art History (3)
- AHIS 17, Arts of Asia (3)
- AHIS 18, Introduction to African Art History (3)

**Students who completed Art History 11 fall 2012 through fall 2013 and have maintained continuous enrollment may use it to fulfill this area requirement.*

LIST B: Select 1 course from the following: (3 units)

- ART 10A, Design I (3)
- ART 13, Form and Space: Introduction to 3D Design (3)
- ART 21A, Figure Drawing I (3)
- ART 21B, Figure Drawing II (3)
- ART 40A, Sculpture Fundamentals (3)
- ART 40B, Sculpture Explorations (3)
- ART 40C, Advanced Sculpture (3)
- ART 52A, Introduction to Ceramics (3)
- ART 52B, Ceramics: Hand Building (3)
- ART 52C, Ceramics III (3)
- PHOTO 1, Introduction to Photography (3)

LIST C: Select one course from the following: (3-5 units)

Students may select any course not already used in List A or B, or one course that meets the following criteria:

- ART 10B, Design Theory & Practice (3)
- ART 10C, Digital Media (3)
- ART 15, Lettering (3)
- ART 17A, 3D Jewelry Design I (3)

- ART 17B, 3D Jewelry Design II (3)
- ART 20B, Drawing II – Drawing with Color (3)
- ART 20C, Digital Drawing (3)
- ART 30A, Beginning Watercolor Painting I (3)
- ART 30B, Watercolor Painting II (3)
- ART 30C, Acrylic Painting Techniques (3)
- ART 31, Beginning Oil Painting (3)
- ART 32, Intermediate Painting (3)
- ART 33, Figure Painting (3)
- ART 34A, New Genres (3)
- ART 34B, Contemporary Art Theory and Practice (3)
- ART 35, Airbrush Techniques (3)
- ART 41A, Figure Modeling Sculpture I (3)
- ART 41B, Figure Modeling Sculpture II (3)
- ART 43A, Glass Sculpture I (3)
- ART 43B, Glass Sculpture II (3)
- ART 60, Introduction to Printmaking (3)
- ART 60B, Introduction to Digital Printing (3)
- ART 61A, Etching (3)
- ART 61B, Advanced Etching (3)
- ART 62, Serigraphy (Silkscreen) (3)
- ART 63, Lithography (3)
- Any CSU transferable AHIS course
- Any Art or Humanities course articulated as CSU GE, Area C1 or IGETC Area 3A;
- Any course articulated as CSU GE, Area C1 or IGETC Area 3B in a language other than English (except ASL); Art, History, Humanities, Philosophy; Religion/Religious Studies;
- Any course articulated as CSU GE, Area D1, D3, D4, or D6 or IGETC Area 4 courses in Anthropology and Archeology, Ethnic Studies, Gender Studies, History.

Asian Studies

See Modern Languages

Astronomy

Astronomers and astrophysicists study the contents of our universe, including planets, stars, galaxies, and even the universe in its entirety. They are essentially physicists who specialize in using the fundamental laws of nature and the techniques of mathematics to understand our place in the cosmos. Astronomers design and build telescopes and other scientific instruments to collect data from astronomical objects. They then apply the techniques of scientific data reduction and analysis to extract the information from the data collected. While many astronomers and astrophysicists end up in academia, their unique skills are in great demand in many other fields, including aerospace, engineering, computer science, software development, information technology, financial services, education, and public outreach.

Programs Offered:

- Transfer Preparation
- See also Physics
- See also Science: General Science Associate Degree

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major

requirements and the general education pattern for the specific transfer institution. Astronomy is typically affiliated with the fields of physics, astrophysics, and mathematics. Therefore, students are encouraged to explore those areas for transfer opportunities as well. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

Athletic Coaching

See *Kinesiology/Physical Education*

Automotive Technology

This program — offered through the SMC Business Department — prepares students to work in positions troubleshooting and repairing electronic and mechanical vehicle problems.

Programs Offered:

- Transfer Preparation
- Automotive Technician – Introductory Department Certificate (12 units)

TRANSFER PREPARATION

Students seeking a baccalaureate in this area of study are encouraged to review the Bachelor of Science in Automotive Technology offered by Rio Hondo College at riohondo.edu/autotechbachelor

AUTOMOTIVE TECHNICIAN – INTRODUCTORY, DEPARTMENT CERTIFICATE

Students who complete this short-term program may work in positions troubleshooting and repairing electronic and mechanical vehicle problems. Employees in these basic positions in today's automotive maintenance shop operate sophisticated tools and equipment and practice safe work practices under the guidance of more experienced technicians. Students wishing to take more advanced training may transfer their SMC courses to Rio Hondo College and to Cerritos College's Advanced Transportation Program.

Students must petition the Business Department to obtain this Department Certificate.

Program Learning Outcomes: Upon completion of the program, students will be able to apply basic diagnostic techniques, maintenance procedures, and repair skills to automotive electrical, braking, and suspension and steering systems.

Required Courses:

- AUTO 40, Automotive Maintenance and Operations (3)
- AUTO 45, Automotive Braking Systems (3)
- AUTO 46, Automotive Electrical Systems (3)
- AUTO 47, Suspension and Steering (3)

Transfer and program requirements are subject to change. For the most up-to-date information regarding transfer preparation visit assist.org and regarding degree and certificate requirements visit smc.edu/articulation.

Bicycle Maintenance - Noncredit

This noncredit program is designed to introduce students to the basics of bicycle maintenance and provide a pathway to jobs as entry-level mechanics, bicycle sales positions, or bicycle shop management. Areas to be covered include introduction to small business operations, technical and mechanical skill development, drive-train design and maintenance, wheel and hub systems, brake systems, suspensions, handlebar and stem assembly, and an introduction to "pedal-assist," electric, and light electric vehicle (LEV) technologies. This program will also explore the various career pathways in the bicycle industry at the local, national, and international levels. *This Certificate of Completion is not intended as a substitute for any credit certificate or Associate degree.*

Program Offered:

- Bicycle Maintenance Certificate of Completion (Noncredit)

BICYCLE MAINTENANCE, CERTIFICATE OF COMPLETION (NONCREDIT)

Program Learning Outcomes: Upon completion of the program, students will be able to assemble new bicycles, repair bicycles and help customers select bicycles that fit their body sizes and intended bicycle use.

Required Courses:

- BCYCLE 901, Bicycle Maintenance Level 1 (0)
- BCYCLE 902, Bicycle Maintenance Level 2 (0)

Biological Sciences

This major can lead to many biological science careers. Medical laboratory technicians work in a clinical laboratory and perform routine tests to obtain data used by physicians and other medical staff in the prevention, diagnosis, and treatment of illness. Bioscience technicians conduct tests and analyze data for use in research and production. Some additional careers include genetic counselors, environmental health specialists, medical illustrators, microbiologists, toxicologists, wildlife biologists, and teachers.

Programs Offered:

- Transfer Preparation
- See also Environmental Science
- See also Science: General Science

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Biochemistry, Biology, Cell Biology, and Molecular Biology. For more information, visit pathwaysguide.universityofcalifornia.edu

PLEASE NOTE: Due to the competitive nature of Biology, students are advised to complete as many lower-division courses as possible prior to transfer. Please see a counselor for more information.

Biology

See *Biological Sciences*

Botany

See *Biological Sciences*

Broadcasting

See *Media Studies*

Business

Business managers coordinate business activities in both private industry and public agencies. They are responsible for operations, maintenance, purchasing, planning, organizing, budgeting, and directing the work of the employees. Business executives are the higher-level management staff, directing the activities of the firm. They develop and administer policies to maximize profits. They also direct financial programs and develop policies aimed at maintaining good relations with the public, stockholders, employees, and customers.

Programs Offered:

- Transfer Preparation

Degrees and Certificates

- Business
 - Business Administration 2.0 Associate Degree for Transfer
Students who began college Fall 2022 or later must follow this version 2.0. Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California community colleges. The courses listed below are SMC courses. If completed entirely at SMC, the Area of Emphasis requires 29 units.
 - Business Associate Degree
 - Entry Level Business Information Assistant Certificate of Achievement (12 units)
- Entrepreneurship
 - Entrepreneurship Certificate of Achievement (18 units)
 - Salon Business: Salon Entrepreneurship (see *Cosmetology*)
- Insurance
 - Insurance Professional Associate Degree

- Insurance Professional Certificate of Achievement (26 units)
- Insurance Specialist Certificate of Achievement (11 units)
- International
 - International Business Certificate of Achievement (18 units)
- Logistics
 - Logistics and Supply Chain Management Associate Degree
 - Logistics and Supply Chain Management Certificate of Achievement (24 units)
- Management
 - Digital Marketing Certificate of Achievement (12 units)
 - Management and Leadership Associate Degree
 - Management and Leadership Certificate of Achievement (24 units)
- Marketing
 - Marketing Certificate of Achievement (18 units)
- Sales and Promotion
 - Sales and Promotion (*formerly Merchandising*) Associate Degree
 - Sales and Promotion (*formerly Merchandising*) Certificate of Achievement (24 units)

NOTE: There are three or four Core courses in all Business Certificates of Achievement (except Insurance Specialist). These Core courses are required for all students, and should be completed BEFORE taking Concentration courses. Moreover, Business 1 should be completed BEFORE enrolling in other Core courses.

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Business Administration. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the **Business Administration Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Business Administration AS-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml

BUSINESS ADMINISTRATION 2.0, ASSOCIATE DEGREE FOR TRANSFER

Students who began college Fall 2022 or later must follow this version (2.0).

Upon successful completion of the Santa Monica College AS-T in Business Administration 2.0, students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. This coursework will satisfy most of the lower-division Business requirements at many institutions and the California State University system. This degree is intended for students who are interested in the theory of Business and are planning on transferring to a four-year university and majoring in Business.

Completion of this degree will likely give you priority admission consideration in the majors at the CSU campuses listed below. In addition, you will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete your degree. If you are considering transfer to a UC, private, or out-of-state university, please consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AS-T in Business Administration 2.0.

Program Learning Outcomes: Upon completion of a degree in Business Administration 2.0 students will demonstrate coherent and comprehensive analyses of business issues and identify and resolve ethical dilemmas in the domestic and global business environment.

Required Core Courses:

- ACCTG 1, Introduction to Financial Accounting (5)
- ACCTG 2, Corporate Financial and Managerial Accounting (5)
- BUS 5, Business Law and the Legal Environment (3)
- BUS 32, Business Communications (3) (*may substitute with BUS 1*)
- ECON 1, Principles of Microeconomics (3)
- ECON 2, Principles of Macroeconomics (3)
- MATH 54, Elementary Statistics (4) (*Students transferring to CSU Northridge please note: CSUN Business department will NOT accept UCLA XL10 Statistics to satisfy the business statistics requirement*)

Select 1 courses from the following if not used above: (3 units minimum)

- MATH 7, Calculus 1 (5)*
- MATH 21, Finite Mathematics (3)
- MATH 28, Calculus 1 for Business and Social Science (5)*

*Note: Maximum UC credit for MATH 7 and 28 is one course.

Note: Some CSU campuses may require more than one mathematics course. Go to assist.org for details.

NOTE: The majority of CSU campuses require Business Calculus either for admission or graduation. It is highly recommended that students take this course at the community college (see assist.org for math requirements for your transfer institution).

BUSINESS, ASSOCIATE DEGREE

Please note: This is NOT the CSU transfer degree. For details about the Business Administration Associate in Science for Transfer (AS-T) to CSU, please see above.

This program prepares students for careers in business. Students can personalize their academic or career path by selecting any business courses below, or they can choose to focus on a particular area of study, including marketing, entrepreneurship, or finance. Business professionals are responsible for operations, maintenance, purchasing, planning, organizing, budgeting, and directing employees. Promotion to executive level positions may involve higher-level management of staff, as well as overseeing corporate activities such as financial programs and policies.

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, and identify and resolve ethical dilemmas in the domestic and global business environment.

Required Core Courses: (12 units minimum)

- ACCTG 1, Introduction to Financial Accounting (5)
- or**
- ACCTG 21, Business Bookkeeping (3)
-
- BUS 1, Introduction to Business (3)
- BUS 5, Business Law and the Legal Environment (3)
- BUS 32, Business Communications (3)

Using the electives below, students may focus on a particular academic or career path (including Marketing, Insurance, Global Trade and Logistics, Entrepreneurship/Small Business Management, Finance, Management/Leadership, Retail/Hospitality/Tourism, and/or General Business) or may create their own academic or career path by selecting a combination of courses that meets career goals: (12 units minimum required)

Marketing

- BUS 20, Principles of Marketing (3)
- BUS 22, Introduction to Advertising (3)
- BUS 23, Principles of Selling (3)
- BUS 26, Marketing Research and Consumer Behavior (3)
- BUS 28, Marketing Promotion (3)
- BUS 29, Public Relations and Publicity (3) (*same as JOURN 43*)
- BUS 33, Broadcast Advertising (*same as MEDIA 18*)
- BUS 34A, Introduction to Digital Marketing (3)
- BUS 35, Customer Relationship Management (3)
- JOURN 43, Public Relations and Publicity (3) (*same as BUS 29*)
- CIS 70, Digital Marketing Applications (3) (*same as BUS 34B*)
- MEDIA 18, Broadcast Advertising (3) (*same as BUS 33*)

Insurance

- BUS 15, Introduction to Insurance with Code and Ethics (2)
- BUS 15B, Introduction to Life and Health Insurance (3)
- BUS 16, Personal Insurance (3)
- BUS 17, Property and Liability Insurance (3)
- BUS 18, Commercial Insurance (3)

Global Trade and Logistics

- BUS 50, Introduction to International Business (3)
- BUS 51, Intercultural Business Communication (3)
- BUS 52, International Marketing (3)
- BUS 53, Importing and Exporting (3)
- BUS 54, International Management (3)
- BUS 55, Southern California's International Connections and Blue/Ocean Economy (3)
- BUS 57, Introduction to Lean Six Sigma (3)
- BUS 80, Principles of Logistics (3)
- BUS 81, Transportation Management (3)
- BUS 82, Supply Chain Management (3)
- BUS 83, Operations Management (3)
- BUS 84, Introduction to Procurement (3)
- BUS 85, Project Management Global Trade and Logistics (3)
- BUS 86, Earned Value Management Systems (3)
- BUS 87, ERP System: Procurement (4)

Entrepreneurship and Small Business Management

- BUS 8, Law for the Entrepreneur (3)
- BUS 9, Intellectual Property for the Entrepreneur (3)
- BUS 10, Introduction to Intellectual Property (1)
- BUS 27, Introduction to E-Commerce (3) *(formerly same as CIS 27)*
- BUS 37, Business of Hip-Hop Industry (3)
- BUS 60, Design Thinking for the Entrepreneur (1)
- BUS 63, Principles of Entrepreneurship (3)

Finance

- ACCTG 45, Individual Financial Planning (3) *(same as BUS 45)*
- BUS 45, Individual Financial Planning (3) *(same as ACCTG 45)*
- BUS 46, Introduction to Investments (3)
- BUS 47, Understanding Money for Lifelong Success (1) *(same as COUNS 47)*
- COUNS 47, Understanding Money for Lifelong Success (1) *(same as BUS 47)*

Management/Leadership

- BUS 65, Management Principles (3)
- BUS 67, Business Strategies (3)
- BUS 72, Organizational Management and Leadership (3)
- BUS 76, Human Resources Management (3)
- BUS 76B, Compensation and Benefits (3)
- BUS 79, Bargaining and Negotiations (3)

Retail/Hospitality/Tourism

- BUS 11, Introduction to the Hospitality Industry (3)
- BUS 21, Merchandising Principles (3)
- BUS 25, Advertising Display (3)
- BUS 36A, Customer Service in the Digital Age (3)

General Business

- BUS 6, Advanced Business Law (3) *(formerly same as ACCTG 26)*
- BUS 7, Introduction to Sustainability in Business (3)
- BUS 7C, Corporate Sustainability Strategies in Business (3)
- BUS 7B, Sustainability Reporting in Business (3)
- BUS 7D, Business Strategies and Social Sustainability (3)
- BUS 14A, Women in Business (3)
- BUS 40A, Introduction to Business Analytics (3)

- BUS 56, Understanding the Business of Entertainment (3)
- BUS 56B, Entertainment Law (3)
- BUS 59, Design for Delight for the Entrepreneur (3)
- BUS 62, Human Relations and Ethical Issues in Business (3)
- BUS 64, Business Protocol and Professionalism (2)
- BUS 69, Success in the Gig Economy (1)

ENTRY LEVEL BUSINESS INFORMATION ASSISTANT, CERTIFICATE OF ACHIEVEMENT

Companies in various industries require employees who have basic business information systems and bookkeeping skills and can effectively communicate and interact with customers at an entry-level position.

Program Learning Outcomes: Upon completion of this program, students will demonstrate the ability to utilize business information systems, perform basic bookkeeping, communicate professionally in a business environment, and interact successfully with customers.

Required Courses: (12 units)

- ACCTG 21, Business Bookkeeping (3)
- BUS 35, Customer Relationship Management (3)
- CIS 4, Business Information Systems with Applications (3)
-
- BUS 31, Business English Fundamentals (3)
- or**
- BUS 32, Business Communications (3)

ENTREPRENEURSHIP, CERTIFICATE OF ACHIEVEMENT

This program provides students the opportunity to develop the skills needed to analyze business issues and explore their own entrepreneurial vision as they produce a thorough business plan. The coursework leads to a strong foundation in entrepreneurship. SMC collaborates with the National Association for Community College Entrepreneurship (NACCE).

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business environment, and produce a thorough written business plan.

Required Core Courses: (12 units)

- ACCTG 1, Introduction to Financial Accounting (5)
- or**
- ACCTG 21, Business Bookkeeping (3)
- or**
- CIS 35A, QuickBooks Desktop (3) *(formerly CIS 35; formerly same as ACCTG 35)*
- or**
- CIS 35B, QuickBooks Online (3)
-
- BUS 1, Introduction to Business (3)
-
- BUS 5, Business Law and the Legal Environment (3)
- or**
- BUS 8, Law for the Entrepreneur (3)
- or**
- BUS 9, Intellectual Property for the Entrepreneur (3)

BUS 63, Principles of Entrepreneurship (3)

Select two or more courses from the following if not used above for a total of at least 6 units.

ACCTG 45, Individual Financial Planning (3) (same as BUS 45)

BUS 7, Introduction to Sustainability in Business (3)

BUS 8, Law for the Entrepreneur (3)

BUS 9, Intellectual Property for the Entrepreneur (3)

BUS 10, Introduction to Intellectual Property (1)

BUS 20, Principles of Marketing (3)

BUS 23, Principles of Selling (3)

BUS 27, Introduction to E-Commerce (3) (formerly same as CIS 27)

BUS 32, Business Communications (3)

BUS 34A, Introduction to Digital Marketing (3)

BUS 45, Individual Financial Planning (3) (same as ACCTG 45)

BUS 50, Introduction to International Business (3)

BUS 53, Importing and Exporting (3)

BUS 56, Understanding the Business of Entertainment (3)

BUS 59, Design for Delight for the Entrepreneur (3)

BUS 60, Design Thinking for the Entrepreneur (1)

BUS 65, Management Principles (3)

BUS 69, Success in the Gig Economy (1)

CIS 70, Digital Marketing Applications (3) (same as BUS 34B)

BUS 80, Principles of Logistics (3)

or

BUS 82, Supply Chain Management (3)

INSURANCE PROFESSIONAL, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program prepares students for highly skilled positions in the insurance industry, such as claims adjuster, examiner, investigator, salesperson, legal support worker, or insurance underwriter. Course offerings include personal insurance, property and liability insurance, commercial insurance, and ethics, among others.

Program Learning Outcomes: Upon completion of this program, students will demonstrate coherent and comprehensive understanding of various types of insurance products, including personal, property and liability, and commercial insurance.

Required Courses: (26-28 units)

ACCTG 1, Introduction to Financial Accounting (5)

or

ACCTG 21, Business Bookkeeping (3)

BUS 1, Introduction to Business (3)

BUS 5, Business Law and the Legal Environment (3)

BUS 15, Introduction to Insurance with Code and Ethics (2)

BUS 16, Personal Insurance (3)

BUS 17, Property and Liability Insurance (3)

BUS 18, Commercial Insurance (3)

BUS 32, Business Communications (3)

CIS 30, Microsoft Excel (3)

or

ACCTG 31A, Excel for Accounting (3)

INSURANCE SPECIALIST, CERTIFICATE OF ACHIEVEMENT

This program prepares students for highly skilled positions in the insurance industry, such as claims adjuster, examiner, investigator, salesperson, legal support worker, or insurance underwriter. Course offerings include personal insurance, property and liability insurance, commercial insurance, and ethics, among others.

Program Learning Outcomes: Upon completion of this program, students will demonstrate coherent and comprehensive understanding of various types of insurance products, including personal, property, and liability, and commercial insurance.

Required Courses:

BUS 15, Introduction to Insurance with Code and Ethics (2)

BUS 16, Personal Insurance (3)

BUS 17, Property and Liability Insurance (3)

BUS 18, Commercial Insurance (3)

INTERNATIONAL BUSINESS, CERTIFICATE OF ACHIEVEMENT

After successful completion of the International Business Certificate of Achievement program, the student will demonstrate the skills, knowledge, and training for entry-level positions in multinational companies, and incorporates the global business perspective into their current assignment. The student's knowledge and skills will include the ability to analyze global business opportunities, as well as interact with others from different cultures. Individuals are able to prepare basic international commercial and shipping documents, as well as understand the issues that are involved in a global business operation. To gain a competitive edge in today's emerging marketplace, companies need professionals who know how to streamline diverse supply-side activities on a global scale. The International Business Certificate of Achievement can help students whose aim is to extend their professional influence to the international market.

Program Learning Outcomes: Upon completion of the program, students will be able to analyze global business opportunities; compare and contrast the role that culture plays in global business operations; describe and compare international commercial and shipping documents; resolve ethical dilemmas in the domestic and global business environment; and apply business principles to international trade issues in the context of global citizenship.

Required Core Courses: (9 units)

BUS 1, Introduction to Business (3)

BUS 53, Importing and Exporting (3)

BUS 54, International Management (3)

Select 3 courses from the following: (9 units)

BUS 50, Introduction to International Business (3)

BUS 51, Intercultural Business Communication (3)

or

COM ST 37, Intercultural Communication (3)

BUS 52, International Marketing (3)

BUS 57, Introduction to Lean Six Sigma (3)

BUS 80, Principles of Logistics (3)

BUS 81, Transportation Management (3)

- BUS 82, Supply Chain Management (3)
- BUS 83, Operations Management (3)
- BUS 84, Introduction to Procurement (3)
- BUS 85, Project Management Global Trade and Logistics (3)
- BUS 87, EPR System: Procurement (4)

LOGISTICS AND SUPPLY CHAIN MANAGEMENT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program provides students the opportunity to develop skills in the growing field of logistics and supply chain management. Students will learn about the flow and movement that organizations utilize to produce and deliver their products and services. Logistics and supply chain touches all aspects of a company's operations — from the movement of raw materials, energy, goods, and money, to people, satellites, information, and an array of operational tools. SMC's Logistics and Supply Chain Management degree will prepare students for a career in the growing field of global trade and logistics and supply chain. Our program partners with PRO-GTL to enhance education and business partnerships for optimal job opportunities.

Program Learning Outcomes: Upon completion of this program, students will demonstrate coherent and comprehensive understanding of logistics, supply chain management, production and processing, production processes, quality control, scheduling, inventory management, transportation, costs, and techniques for maximizing the effective manufacture and distribution of goods and services for present and future systems.

Required Core Courses: (12 units)

- BUS 1, Introduction to Business (3)
- BUS 32, Business Communications (3)
- BUS 80, Principles of Logistics (3)
- BUS 82, Supply Chain Management (3)

Select 3 courses from the following: (9 units)

- BUS 57, Introduction to Lean Six Sigma (3)
- BUS 81, Transportation Management (3)
- BUS 83, Operations Management (3)
- BUS 84, Introduction to Procurement (3)
- BUS 85, Project Management Global Trade and Logistics (3)
- BUS 86, Earned Value Management Systems (3)
- BUS 87, EPR System: Procurement (4)

Select 1 course from the following: (3 units)

- ACCTG 31A, Excel for Accounting (3)
- ACCTG 31B, Advanced Excel for Accounting (3)
- CIS 30, Microsoft Excel (3)
- CIS 34, Advanced Excel with Visual Basic for Applications (3)

MANAGEMENT/LEADERSHIP, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

With the constantly growing variety of businesses in the world, business management career opportunities are vast and diverse. SMC's Management and Leadership program prepares students for this unlimited field with solid analytical skills, training in methods for resolving problems, and the managerial skills required for planning and executing strategies in pursuit of organizational goals.

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business environment, and apply managerial skills in planning, organizing, directing, and controlling business enterprises in the domestic and global environments.

Required Core Courses: (12 units)

- BUS 1, Introduction to Business (3)
- BUS 5, Business Law and the Legal Environment (3)
- BUS 32, Business Communications (3)
- BUS 65, Management Principles (3)

Select 4 courses from the following: (12 units)

- BUS 36A, Customer Service in the Digital Age (3)

- BUS 51, Intercultural Business Communication (3)

or

- COM ST 37, Intercultural Communication (3)

- BUS 54, International Management (3)

- BUS 62, Human Relations and Ethical Issues in Business (3)

- BUS 67, Business Strategies (3)

- BUS 72, Organizational Management and Leadership (3)

- BUS 76, Human Resources Management (3)

- BUS 79, Bargaining and Negotiations (3)

DIGITAL MARKETING, CERTIFICATE OF ACHIEVEMENT

The digital revolution in the business sector has led to an ever-increasing demand for skilled digital marketing professionals. Our program trains students to understand and develop various digital marketing channels, such as search engine optimization (SEO), search engine marketing (SEM), social media marketing, pay per click (PPC) advertising, affiliate marketing, email marketing, and content marketing, and how these channels relate to the customer experience. Students use digital marketing applications and tools to create effective content and a dynamic web presence to drive brand awareness and generate leads, as well as measure and track online performance.

Program Learning Outcomes: Upon completion of the program, students can demonstrate the ability to build digital marketing channels for an effective, customer-focused strategy, and utilize applications and tools to create content, build a web presence, and measure and analyze online performance.

Required Courses: (12 units)

- BUS 34A, Introduction to Digital Marketing (3)

- BUS 34B, Digital Marketing Applications (3) (*same as CIS 70*)

- BUS 34C, Digital Marketing Analytics (3)

- BUS 35, Customer Relationship Management (3)

MARKETING, CERTIFICATE OF ACHIEVEMENT

Every company needs effective marketing to succeed. Our program trains students to analyze business issues, solve problems, develop effective marketing strategies for designated target audiences, and employ the various elements of the marketing mix to achieve specific goals.

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues; identify and resolve ethical dilemmas in the domestic and global business environments; and develop an effective marketing strategy that includes a target audience and all elements of the marketing mix.

Required Core Courses: (6 units)

- BUS 1, Introduction to Business (3)
- BUS 20, Principles of Marketing (3)

Select 4 or more courses from the following: (12 units minimum)

- BUS 22, Introduction to Advertising (3)
- BUS 23, Principles of Selling (3)
- BUS 26, Marketing Research and Consumer Behavior (3)
- BUS 28, Marketing Promotion (3)
- BUS 29, Public Relations and Publicity (3) (*same as JOURN 43*)
- BUS 32, Business Communications (3)
- BUS 34A, Introduction to Digital Marketing (3)
- BUS 35, Customer Relationship Management (3)
- BUS 37, Business of Hip-Hop Industry (3)
- BUS 52, International Marketing (3)
- BUS 59, Design for Delight for the Entrepreneur (3)
- BUS 60, Design Thinking for the Entrepreneur (1)
- CIS 70, Digital Marketing Applications (3) (*same as BUS 34B*)
- JOURN 43, Public Relations and Publicity (3) (*same as BUS 29*)

SALES AND PROMOTION (FORMERLY MERCHANDISING), ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program prepares students for careers in sales and other contemporary marketing responsibilities. Sales promotion techniques are examined as students develop skills in the modern sales process. Developing a strategic approach to customer relationship management and the lifetime value of the customer will equip students with the mindset to succeed in today's dynamic marketplace.

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of business issues, identify and resolve ethical dilemmas in the domestic and global business environment, and develop a sales and promotion plan that incorporates elements of the promotion mix, including social media and an engaging oral and written sales presentation.

Required Courses: (21 units)

- BUS 1, Introduction to Business (3)
- BUS 20, Principles of Marketing (3)
- BUS 22, Introduction to Advertising (3)
- BUS 23, Principles of Selling (3)
- BUS 28, Marketing Promotion (3)
- BUS 32, Business Communications (3)
- BUS 34A, Introduction to Digital Marketing (3)

Select 1 course from the following: (3 units)

- BUS 5, Business Law and the Legal Environment (3)
- BUS 8, Law for the Entrepreneur (3)
- BUS 21, Merchandising Principles (3)
- BUS 25, Advertising Display (3)

BUS 27, Introduction to E-Commerce (3) (*formerly same as CIS 27*)

BUS 37, Business of Hip-Hop Industry (3)

BUS 59, Design for Delight for the Entrepreneur (3)

BUS 62, Human Relations and Ethical Issues in Business (3)

CIS 70, Digital Marketing Applications (3) (*same as BUS 34B*)

Business - Noncredit

Programs Offered:

- Business Essentials Level 1 Certificate of Completion (Noncredit)
- Customer Service Certificate of Completion (Noncredit)

BUSINESS ESSENTIALS LEVEL 1, CERTIFICATE OF COMPLETION (NONCREDIT)

Careers in business are often one of the most sought after opportunities. Business activity is all around us, as it affects our daily lives as we work, invest and play. Consequently, people want to learn about business and its intricacies. This program will introduce students to the functional areas of business and the role of entrepreneurship in our economy.

Program Learning Outcomes: Upon completion of the program, students will demonstrate a general understanding of business concepts, as well as have developed their own entrepreneurial business mindset.

Required Courses:

- BUS 901, Introduction to Business – Basic (0)
- BUS 902, Introduction to Business Mindset (0)

CUSTOMER SERVICE, CERTIFICATE OF COMPLETION (NONCREDIT)

This program in Customer Service provides marketable business knowledge and professional skills to individuals currently seeking employment in various customer driven industries. The business environment demands that companies provide customers with quick, efficient, correct service that is intended to be delightfully memorable. This program introduces students to the theories of the customer service exchange and their practical application during a customer encounter.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the comprehensive analysis of a customer encounter and address or resolve the situation using effective customer service techniques.

Required Courses:

- BUS 911, Customer Service Level 1 (0)
- BUS 912, Customer Service Level 2 (0)

Chemistry

Chemists study the properties of matter and make qualitative and quantitative analysis of many substances. They conduct a variety of experiments and tests in laboratories to develop new knowledge or maintain control over the quality of existing products and procedures. Chemists may work in research and development, or production and qual-

ity control in the chemical manufacturing industry, and in education or government institutions.

Programs Offered:

- Transfer Preparation
- See also Science: General Science

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Biochemistry and Chemistry. For more information, visit pathwaysguide.universityofcalifornia.edu

Chinese

See *Modern Languages*

Communication Studies

Students following an academic or career path in Communication and Media Studies will learn the dynamics of communication between and among individuals, groups and cultures, and/or the media. Communication integrates courses in interpersonal, intercultural, organizational and mass communication and public relations. There is a wide range of employment possibilities for students trained in media studies in business, sales, public and personnel relations, and advertising. Students can prepare for careers in media news writing and editing, announcing, programming, publicity, community relations, directing and public relations.

Students following an academic or career path in Speech and Communication Studies can pursue a variety of careers depending on their interests. Public relations and advertising firms, health care organizations, government and educational institutions, entertainment companies, social service groups, and media-based firms are just some examples of organizations having a need for people with highly developed interpersonal and technical communication skills. Current career titles include communication consultant, public information officer, public relations specialist, political consultant, press secretary, labor relations specialist, public opinion researcher, news producer, speech/language pathologist, speechwriter, advertising account executive, media manager, human resources manager, mediator, special events coordinator and development officer/fundraiser.

Programs Offered:

- Transfer Preparation
- Communication Studies Associate Degree for Transfer
- See also Journalism
- See also Media Studies

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Communication. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the **Communication Studies Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Communication Studies AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/ad-search/search.shtml

COMMUNICATION STUDIES, ASSOCIATE DEGREE FOR TRANSFER

Upon completion of the Associate in Arts in Communication Studies for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into Communication Studies or similar majors for many campuses in the California State University system.

Students pursuing the Associate in Arts In Communication Studies for Transfer will demonstrate, through written and oral academic work, knowledge of communication principles, concepts, and theories and be prepared to pursue further study in communication studies or a similar major at the baccalaureate level at the California State University.

Program Learning Outcomes: Upon completion of the program, students will be able to analyze and demonstrate the relationship between speaker, audience, message, and medium in a variety of communication contexts. Students will also be able to identify, analyze, and demonstrate

appropriate conflict management styles in both interpersonal and intercultural forums.

Required Core Course: (3 units)

COM ST 11, Elements of Public Speaking (3)

LIST A: Select 2 courses from the following: (6 units)

COM ST 16, Fundamentals of Small Group Discussion (3)

COM ST 21, Argumentation (3)

COM ST 35, Interpersonal Communication (3)

LIST B: Select 2 of the following: (6 units)

Any course not already used above and/or:

COM ST 12, Persuasion (3)

COM ST 14, Oral Interpretation: Performing Literature Across Cultures (3)

COM ST 30, Introduction to Communication Theory (3)

COM ST 37, Intercultural Communication (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

FILM 1, Film Appreciation: Introduction to Cinema (3)

MATH 54, Elementary Statistics (4)

MEDIA 1, Survey of Mass Media Communications (3)

PSYCH 5, The Psychology of Communication (3)

LIST C: Select 1 course from the following: (3 units)

Any course not already used above or any one of the following:

ANTHRO 2, Cultural Anthropology (3)

COM ST 9, Introduction to Communication Studies (3)

COM ST 13, Voice and Diction (3)

COM ST 31, Research Methods for Communication Studies (3)

COM ST 36, Gender and Communication (3)

COM ST 38, Introduction to Latina/o/x Communication Studies (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

HIST 1, History of Western Civilization I (3)

HIST 2, History of Western Civilization II (3)

JOURN 1, The News (3)

PSYCH 1, General Psychology (3)

SOCIOL 1, Introduction to Sociology (3)

SOCIOL 1s, Introduction to Sociology – Service Learning (3)

Computer Information Systems

Computer information systems managers oversee a variety of administrative, clerical, and accounting functions necessary to efficiently run and maintain computerized business systems. Office workers use a variety of software to produce correspondence, maintain databases, manage projects, organize meetings, manage financial records, and create presentations. Students focusing on web applications attain the skills to professionally design, develop, and manage websites.

Programs Offered:

- Transfer Preparation
- Business Information Worker 2 Associate Degree
- Computer Business Applications Associate Degree
- Website Software Specialist Associate Degree

- Business Information Specialist Certificate of Achievement (9 units)
- Business Information Worker – Data Analytics Applications Certificate of Achievement (12 units)
- Business Information Worker 1 Certificate of Achievement (21 units)
- Business Information Worker 2 Certificate of Achievement (18 units)
- Computer Business Applications Certificate of Achievement (30 units)
- Digital Publishing Certificate of Achievement (20 units)
- QuickBooks Virtual Enterprise Certificate of Achievement (13-16 units)
- Website Software Specialist Certificate of Achievement (27 units)
- Digital Publishing Certificate of Achievement (20 units)
- Social Media Assistant Certificate of Achievement (15 units)
- Website Creator Certificate of Achievement (15 units)
- Website Development Management Department Certificate (13 units)

TRANSFER PREPARATION

Students planning to transfer to a four-year college or university should refer to the transfer preparation information under Business.

BUSINESS INFORMATION WORKER 2, ASSOCIATE DEGREE AND CERTIFICATE OF ACHIEVEMENT

The Business Information Worker 2 (BIW-2) program builds on the BIW I foundation. The program provides students with additional skills in PowerPoint, QuickBooks, records management, and collaboration software. Graduates of this second stage in the BIW pathway program will be prepared to meet the workforce demands of today's business environment such as office, business, and executive administrative support, office supervision/coordination, small business support, retail sales, and customer service. Students completing the BIW pathway will be equipped to take multiple Microsoft Office Specialist credentials exams and become a QuickBooks certified user.

Program Learning Outcomes: Upon completion of the program, students will demonstrate proficiency in Microsoft Office applications, collaboration software, and QuickBooks; applying professional customer relationship and management techniques in a business environment; and employ interpersonal and critical thinking skills as well as problem solving.

Required Courses: (18 units)

BUS 35, Customer Relationship Management (3)

CIS 30, Microsoft Excel (3)

CIS 32, Microsoft Access (3)

CIS 35A, QuickBooks Desktop (3) (*formerly CIS 35; formerly same as ACCTG 35*)

or

CIS 35B, QuickBooks Online (3)

CIS 38, Microsoft PowerPoint (3)

OFTECH 33, Records Management (2)

and

CIS 36M, Adobe Acrobat (1)

COMPUTER BUSINESS APPLICATIONS, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The core of this program provides advanced computer skills and business concepts that can be applied in nearly every industry. Students will learn to use Microsoft Office products, as well as other computer software applications, that can be applied in business situations to create, edit, format, and publish documents, spreadsheets, presentations, and databases.

Students can select from three specializations within the Computer Business Applications program:

- **Social Media Specialist** students will be introduced to the finer points of the most popular social media applications, including search engine optimization, HTML and web design.
- **Office Finance Specialist** students will develop the skills necessary to handle basic accounting and bookkeeping procedures for small businesses.
- **Microsoft Office Specialist** students will develop additional expertise in each of the Microsoft Office applications. This specialization assists in preparation for the Microsoft Office Specialist (MOS) certification exams.

Program Learning Outcomes: Upon completion of the program, students will be able to analyze different types of business information, use the Internet to support findings, and use software applications to produce various business reports and presentations used in industry of concentration area.

Required Courses: (21 units)

BUS 1, Introduction to Business (3)

CIS 1, Introduction to Computer Information Systems (3)

CIS 4, Business Information Systems with Applications (3)

CIS 37, Microsoft Word (3)

CIS 39, MS Outlook – Comprehensive Course (3)

OFTECH 5, English Skills for the Office (3)

OFTECH 1, Keyboarding I (3)

or

OFTECH 10, Skill Building on the Keyboard (3)

Complete one of the following specialization tracks listed below based on career interest: (9 units minimum)

Track 1: Social Media Specialist

BUS 34A, Introduction to Digital Marketing (3)

CIS 50, Internet, HTML, and Web Design (3)

CIS 70, Digital Marketing Applications (3) (*same as BUS 34B*)

Track 2: Office Finance Specialist

CIS 30, Microsoft Excel (3)

ACCTG 1, Introduction to Financial Accounting (5)

or

ACCTG 21, Business Bookkeeping (3)

CIS 35A, QuickBooks Desktop (3) (*formerly CIS 35*)

or

CIS 35B, QuickBooks Online (3)

Track 3: Microsoft Office Specialist

CIS 30, Microsoft Excel (3)

CIS 32, Microsoft Access (3)

CIS 38, Microsoft PowerPoint (3)

WEBSITE SOFTWARE SPECIALIST, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

A website software specialist designs, develops, and manages websites with the skills needed to be successful in today's job market. A website software specialist needs to be knowledgeable in variety of Internet technologies (HTML, CSS, JavaScript, and server-side scripting), as well as web-authoring applications such as Dreamweaver, Photoshop, and WordPress. These specialists are primarily responsible for developing user friendly and interactive webpages, integrating and optimizing different multimedia components, and implementing hosting, publishing, and development workflow strategies.

Program Learning Outcomes: Upon completion of this program, students will learn a variety of Internet technologies and web-authoring tools for website development and maintenance. Students will gain the necessary knowledge and skills for designing, developing, and managing websites.

Required Courses: (27 units)

CIS 1, Introduction to Computer Information Systems (3)

CIS 50, Internet, HTML, and Web Design (3)

CIS 51, HTML5, CSS3, and Accessibility (3)

CIS 54, Web Development and Scripting (3)

CIS 59A, Dreamweaver I (3)

CIS 60A, Photoshop I (3)

CIS 67, WordPress (3)

CIS 70, Digital Marketing Applications (3) (*same as BUS 34B*)

CS 87A, Python Programming (3)

BUSINESS INFORMATION SPECIALIST, CERTIFICATE OF ACHIEVEMENT

The Business Information Specialist program builds on the BIW I and BIW II foundation. The program provides students with additional skills in marketing communication support, project management, and Salesforce (CRM). Graduates of this third-stage BIW pathway program will be prepared to meet the workforce demands of today's business environment, such as various levels of administrative support, office supervision/coordination, and customer service. Students completing the BIW pathway will be equipped to take multiple Microsoft Office Specialist certifications and Salesforce certifications, and become QuickBooks certified users.

Program Learning Outcomes: Upon completion of the program, students will demonstrate proficiency in using the Salesforce application. Students will demonstrate marketing and project management techniques in a business environment. Students will also employ interpersonal and critical thinking skills, as well as problemsolving.

Required Courses: (9 units)

CS 9A, Technology Project Management I (3) (*same as CIS 9A*)

CS 77A, Salesforce Administration Essentials (3)

BUS 20, Principles of Marketing (3)

BUSINESS INFORMATION WORKER – DATA ANALYTICS APPLICATIONS, CERTIFICATE OF ACHIEVEMENT

This certificate prepares students with the skill sets and the learning tools needed to implement visual data explorations to enable educated decisions derived from the analysis of big data. Students will produce quality reports with visualizations, charts, PivotTables, maps, slicer, and combine them in an interactive dashboard that tells stories with data to better understand the operations and improve efficiency and quality within an organization.

Program Learning Outcomes: Upon completion of the program, students will be able to analyze data and employ different software tools to make certain predictions and optimize organizational operations.

Students will also employ interpersonal and critical thinking skills, as well as problem solving.

Required Courses:

- CIS 30, Microsoft Excel (3)
- CIS 30T, Tableau Desktop Essentials (3)
- CIS 32, Microsoft Access (3)

Choose 1 course from the following:

- CIS 1, Introduction to Computer Information Systems (3)

or

- CIS 3, Introduction to Computer Science (3)

BUSINESS INFORMATION WORKER 1, CERTIFICATE OF ACHIEVEMENT

This program prepares students for entry-level office and administrative support in a variety of job positions, including general office clerks, retail salespersons, customer service representatives, receptionists, and information clerks. Students learn basic oral and written communications, basic computer application skills, including beginning Excel, Word, and Outlook, and the fundamentals of computer systems. Graduates of this program bring critical thinking and problem solving skills as well as interpersonal skills essential to the workplace. With a solid foundation in Microsoft Windows and Office, as well as strong digital and web literacy skills, students will be prepared to meet the workforce demands of today's business environment.

Program Learning Outcomes: Upon completion of the program, students will demonstrate proficiency in Windows, Microsoft Office applications, as well as strong digital and web literacy skills; be able to apply professional communication techniques in an office environment; and employ interpersonal and critical thinking skills, as well as problem-solving.

Required Courses: (21 units)

- BUS 32, Business Communications (3)
- BUS 62, Human Relations and Ethical Issues in Business (3)
- CIS 1, Introduction to Computer Information Systems (3)
- CIS 30, Microsoft Excel (3)
- CIS 37, Microsoft Word (3)
- CIS 39, MS Outlook - Comprehensive Course (3)
- OFTECH 1, Keyboarding I (3)

DIGITAL PUBLISHING, CERTIFICATE OF ACHIEVEMENT

This program provides students with students with specific skills that make them job ready for the publishing industry, whether it is for printing or the web. Digital publishing specialists use Adobe Photoshop, InDesign, and Illustrator programs, along with Microsoft Word, to format and combine text, numeral data, photographs, charts, drawings, and other visual graphic elements to produce digital and/or printed publication-ready materials.

Program Learning Outcomes: Given client data, students will utilize marketing research tools, apply creative techniques, choose and utilize appropriate software program(s), and analyze and solve graphic design and page layout problems to produce an effective publication. Working as a member of a digital publishing team, demonstrate professional work habits, meet scheduled timeline milestones and deadlines, and communicate effectively via oral presentations and written documents.

Required Courses: (19 units)

- CIS 36M, Adobe Acrobat (1)
- CIS 37, Microsoft Word (3)
- CIS 38, Microsoft PowerPoint (3)
- CIS 40, InDesign (3)
- CIS 60A, Photoshop I (3)
- CIS 64, Illustrator (3)
- OFTECH 5, English Skills for the Office (3)

Select 1 unit from the following keyboarding courses: (1 unit minimum)

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skills Building on the Keyboard (3)

QUICKBOOKS VIRTUAL ENTERPRISE, CERTIFICATE OF ACHIEVEMENT

The QuickBooks Virtual Enterprise certificate prepares students with specific skills to become QuickBooks ProAdvisors. This program provides students with the skill set to support small businesses with the setup and customization of their QuickBooks to meet the company's needs, train company employees on how to use the QuickBooks features, and provide assistance with small routine bookkeeping tasks.

Program Learning Outcomes: Upon completion of the program, students will demonstrate proficiency and self-confidence in using QuickBooks Desktop, QuickBooks Online, and Excel, as well as the accounting foundation needed to use these programs. Students will apply self-discipline and professional communication techniques in an office environment. Students will also employ interpersonal and critical thinking skills, as well as problem-solving.

Select 1 Course from This Group: (3-5 units)

- ACCTG 1, Introduction to Financial Accounting (5)

or

- ACCTG 21, Business Bookkeeping (3)

Select 1 Course from This Group: (3 units)

- ACCTG 31A, Excel for Accounting (3)

or

- ACCTG 31B, Advanced Excel for Accounting (3)

or

CIS 30, Microsoft Excel (3)

Required Courses: (7 units)

BUS 60, Design Thinking for the Entrepreneur (1)

CIS 35B, QuickBooks Online (3)

CIS 35A, QuickBooks Desktop (3)

SOCIAL MEDIA ASSISTANT, CERTIFICATE OF ACHIEVEMENT

Social media has revolutionized the way businesses interact with consumers. This program is designed to give students an understanding of the concepts involved in marketing and the role social media plays in advertising, public relations, branding, and corporate communication strategies.

Students will gain practical skills and learn the latest technical tools in social media through various projects and other assignments.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the difference between social media platforms, including functionality, target audience, and intended use.

Upon completion of the program, students will determine which social media platforms are best for their business and examine recent changes associated with popular social media platforms.

Required Courses:

MEDIA 20, Introduction to Media Writing and Producing Short-Form Content (3)

or

DMPOST 3, Digital Video Fundamentals (3)

BUS 34A, Introduction to Digital Marketing (3)

CIS 50, Internet, HTML, and Web Design (3)

CIS 60A, Photoshop I (3)

CIS 70, Digital Marketing Applications (3) (*same as BUS 34B*)**WEBSITE CREATOR, CERTIFICATE OF ACHIEVEMENT**

This certificate provides students with the basic skills needed to create websites. Students will use web authoring programs for webpage creation and site management. They will extend their skills in the development of websites through the use of XHTML, cascading style sheets, and client and server-side scripting. Focus will be on the creation of effective user interfaces and website design principles using various state-of-the-art technologies for the web. Upon completing this certificate, students will be ready to plan, build, promote, and maintain professional websites.

Program Learning Outcomes: Upon completion of the program, students will be ready to plan, build, promote, and maintain a professional website.

Required Courses:

CIS 50, Internet, HTML, and Web Design (3)

CIS 51, HTML5, CSS3, and Accessibility (3)

CIS 54, Web Development and Scripting (3)

CIS 59A, Dreamweaver I (3)

CIS 60A, Photoshop I (3)

WEBSITE DEVELOPMENT MANAGEMENT, CERTIFICATE OF ACHIEVEMENT

This program provides students with the knowledge needed to develop website projects in a real-world setting. Students learn how to develop websites while applying the skills needed to plan and budget resources in development projects from conceptual design to deployment.

Program Learning Outcomes: Upon completion of the program, students will demonstrate how to develop website projects in a real-world setting. Students will develop websites while applying the skills needed to plan and budget resources in development projects from conceptual design to deployment.

*Required Courses: (13 units)*CIS 9A, Technology Project Management I (3) (*same as CS 9A*)*or*CS 9A, Technology Project Management I (3) (*same as CIS 9A*)

CIS 9B, Technology Project Management II (3) (*same as CS 9B*)*or*CS 9B, Technology Project Management II (3) (*same as CIS 9B*)

CIS 57, Website Planning and Production (3)

CIS 67, WordPress (3)

CIS 88A, Independent Studies in CIS (1)

Computer Information Systems - Noncredit**Program Offered:**

- Receptionist Certificate of Completion (Noncredit)

RECEPTIONIST, CERTIFICATE OF COMPLETION (NONCREDIT)

This certificate of completion will provide students with basic computer and Internet skills. Students will demonstrate proficiency in using basic Windows and Microsoft Office Online applications. Students will apply interpersonal customer services techniques in an office environment needed in hospitality, health, sales, and service industries. Upon the completion of this certificate, students can apply for positions such as front desk receptionist, customer service associate, receptionist, and front desk coordinator.

Program Learning Outcomes: Upon completion of the program, students will demonstrate proficiency in using basic Windows features, Microsoft Office Online applications, and basic Internet skills. Students will also know how to apply interpersonal and customer service techniques in an office environment.

Required Courses:

BUS 911, Customer Services Level 1 (0)

CIS 902, Basic Computer Skills (0)

CIS 903, Fundamentals of Microsoft Office (0)

Computer Science

The field of computer science leads to a variety of careers that all require core computer science skills. These skills include theory courses such as Computer Hardware, Data Structures, and Networks, as well as programming in different computer languages. Within the field, areas of specialty lead into careers including software development, project management, system analysis, and maintenance among other areas. With the Internet being an integral part of everyday life, webpage authoring and web application development have been other areas of high demand in the job market.

Programs Offered:

- Transfer Preparation
- Cloud Computing Associate Degree
- Computer Programming Associate Degree
- Computer Science Associate Degree
- Database Applications Developer Associate Degree
- Web Developer Associate Degree
- Blockchain Developer Certificate of Achievement (15 units)
- Cloud Computing Certificate of Achievement (27 units)
- Computer Programming Certificate of Achievement (27 units)
- Computer Science Certificate of Achievement (23 units)
- Data Science Certificate of Achievement (22-24 units)
- Database Applications Developer Certificate of Achievement (27 units)
- Information Systems Management Certificate of Achievement (13 units)
- Mobile Apps Development – Android Certificate of Achievement (15 units)
- Mobile Apps Development – iPhone Certificate of Achievement (12 units)
- System Administrator (*formerly Networking*) Certificate of Achievement (14-15 units)
- Web Developer Certificate of Achievement (30 units)
- Cloud Computing Department Certificate (15 units)
- Cybersecurity Department Certificate (12 units)
- Entry Level Programmer Department Certificate (12 units)
- Microsoft Azure Department Certificate (9 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Computer Science. For more information, visit pathwaysguide.universityofcalifornia.edu

Transfer and program requirements are subject to change. For the most up-to-date information regarding transfer preparation visit assist.org and regarding degree and certificate requirements visit smc.edu/articulation.

CLOUD COMPUTING, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This certificate provides students with the industry skills to understand, build and maintain applications for the cloud. These skills include the technical principles of the hardware and software requirements to run systems in the cloud including storage, database management, and software systems, while maintaining secure access.

Program Learning Outcomes: Upon completion of the program, students will demonstrate a high level of competency in the different operational levels of cloud computing, such as storage and software as a service, while applying security standards to their operation.

Required Courses: (15 units)

CS 41, Linux Workstation Administration (3)

or

CS 43, Windows Network Administration (3)

CS 70, Network Fundamentals and Architecture (3)

CS 79A, Introduction to Cloud Computing (3)

CS 81, Javascript Programming (3)

CS 87A, Python Programming (3)

Select 1 Track: (9 units)

AWS Track:

CS 79B, Database Essentials in Amazon Web Services (3)

and

CS 79C, Compute Engines in Amazon Web Services (3)

and

CS 79D, Security in Amazon Web Services (3)

or

Azure Track:

CS 33, C# Programming (3)

and

CS 79Y, Microsoft Azure Database Essentials (3)

and

CS 79Z, Microsoft Azure Essentials (3)

Elective Courses: Select 1 course from the following: (3 units)

CS 55, Java Programming (3)

or

CS 79E, Best Practices in Amazon Web Services (3)

or

CS 79F, Machine Learning on AWS (3)

or

CS 82, ASP.NET Programming in C# (3)

or

CS 83R, Server-Side Ruby Web Programming (3)

COMPUTER PROGRAMMING, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

A computer programmer is a professional who is skilled in writing medium to large-scale computer applications. This requires the knowledge and practice of a multitude of areas in Computer Science. This certificate focuses on learning and using advanced programming techniques to build software applications. In addition, it covers core computer science concepts such as operating systems and Database Theory.

Program Learning Outcomes: Upon completion of the program, students will design, code, test, and debug computer programs. They will understand and use the Internet and web, application software, the components of the

system unit, input, output, storage, operating systems and utility programs, communications and networks, database management, information systems development, and project management. Students will also explain the social implications of technological development, and understand the capabilities of current-day computers and the possibilities for the future.

Required Core Courses: (15 units)

CS 3, Introduction to Computer Systems (3)

CS 40, Operating Systems (3)

or

CS 80, Internet Programming (3)

CS 50, C Programming (3)

CS 60, Database Concepts and Applications (3)

MATH 20, Intermediate Algebra (5)

or

One of the following:

MATH 2, 7, 8, 10, 11, 13, 15, 21, 26, 28, 29, 41, 54

Required Concentration Courses: Select 2 of the following groups: (12 units)

GROUP 1:

CS 15, Visual Basic Programming (3)

CS 19, Advanced Visual Basic Programming (3)

GROUP 2:

CS 81, Javascript Programming (3)

and

One course from the following:

CS 82, ASP.NET Programming in C# (3)

CS 83, Server-Side Java Web Programming (3)

CS 83R, Server-Side Ruby Web Programming (3)

CS 84, Programming with XML (3)

CS 85, PHP Programming (3)

GROUP 3:

CS 65, Oracle Programming (3)

CS 66, Advanced Oracle (3)

GROUP 4:

CS 52, C++ Programming (3)

and

One course from the following:

CS 20A, Data Structures with C++ (3)

CS 51, Visual C++ Programming (3)

GROUP 5:

CS 55, Java Programming (3)

and

One course from the following:

CS 20B, Data Structures with Java (3)

CS 56, Advanced Java Programming (3)

COMPUTER SCIENCE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Computer Science covers a broad spectrum of courses ranging from core computer science to a variety of branch fields of computer science. This academic and career path provides the student with the basic skills required of core computer science. Courses include programming in low-level and essential languages, Database Theory, Operating Systems Fundamentals, Computer Hardware and Data Structures. Students finishing this program are well equipped to work in the field of computer science, as well as transfer to a four-year degree program in this area.

Program Learning Outcomes: Upon completion of the program, students will manage projects, analyze systems, develop software, and program in a variety of computer languages; author webpages and develop web applications; utilize networks and computer hardware; and create and manipulate data structures.

Required Core Courses: (17 units)

CS 3, Introduction to Computer Systems (3)

CS 17, Assembly Language Programming (3)

CS 42, Digital Logic (3)

CS 50, C Programming (3)

MATH 7, Calculus 1 (5)

Required Concentration Courses: Select 1 of the following groups: (6 units)

GROUP 1:

CS 20A, Data Structures with C++ (3)

CS 52, C++ Programming (3)

GROUP 2:

CS 20B, Data Structures with Java (3)

CS 55, Java Programming (3)

DATABASE APPLICATIONS DEVELOPER, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program develops the skills needed to design and build a database architecture, as well as interact with modern database management systems locally, remotely, or in the cloud. The program will provide an understanding on how to consistently design databases in an organized structure for storing and retrieving data. With increasing concerns over security, a database developer must also be able to write secure code that runs with minimum risk of attacks.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to design, develop and populate databases locally, remotely, and in the cloud. Students will also demonstrate the ability to properly organize and structure information for storing and retrieving different kinds of data at industry scale.

Required Courses: (18 units)

CS 3, Introduction to Computer Systems (3)

CS 9A, Technology Project Management I (3) (*same as CIS 9A*)

or

CIS 9A, Technology Management I (3) (*same as CS 9A*)

CS 15, Visual Basic Programming (3)

CS 60, Database Concepts and Applications (3)

CS 79A, Introduction to Cloud Computing (3)

CS 87A, Python Programming (3)

Select 2 courses from the following: (6 units)

CS 19, Advanced Visual Basic Programming (3)

CS 32, Database Programming in Visual Basic.
Net (3)

CS 33, C# Programming (3)

CS 37, Web Programming in VB .Net (3)

CS 61, Microsoft SQL Server Database (3)

CS 65, Oracle Programming (3)

CS 73A, Fundamentals of Computer Security (3)

CS 79B, Database Essentials in Amazon Web Services
(3)

CS 79Y, Microsoft Azure Database Essentials (3)

CS 83R, Server-Side Ruby Web Programming (3)
CS 85, PHP Programming (3)

Select 1 course from the following: (3 units)

CS 77A, Salesforce Administration Essentials (3)
CS 77B, Salesforce Developer Essentials (3)

WEB DEVELOPER (FORMERLY WEB PROGRAMMER), ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program helps students develop skills to design interactive and responsive websites and apps. Web developers need to be knowledgeable on a variety of technologies such as HTML, CSS, JavaScript, programming languages, web frameworks, cloud hosting, networking, database management, and cybersecurity. Web developers are chiefly responsible for code implementation and maintenance of web applications at both the front-end and back-end. Web developers are instrumental in the success of an organization's online presence.

Program Learning Outcomes: Upon completion of the program, students will design and develop full stack web apps, as well as provide the code to make websites interactive or allow users to interact with back-end applications and databases.

Required Courses: (18 units)

CS 60, Database Concepts and Applications (3)
CS 70, Network Fundamentals and Architecture (3)
CS 73A, Fundamentals of Computer Security (3)
CS 79A, Introduction to Cloud Computing (3)
CS 80, Internet Programming (3)
CS 81, Javascript Programming (3)

Select 1 course from the following: (3 units)

CIS 67, WordPress (3)
CS 32, Database Programming in Visual Basic.Net (3)
CS 37, Web Programming in VB .Net (3)
CS 82, ASPEN.NET Programming in C# (3)
CS 83, Server-Side Java Web Programming (3)
CS 83R, Server-Side Ruby Web Programming (3)
CS 85, PHP Programming (3)
CS 87A, Python Programming (3)

Select 1 course from the following: (3 units)

CS 73B, Computer Forensics Fundamentals (3)
CS 73C, Cybersecurity and Ethical Hacking (3)

Select 1 course from the following: (3 units)

CS 77A, Salesforce Administration Essentials (3)
CS 77B, Salesforce Developer Essentials (3)

Select 1 course from the following: (3 units)

CS 79B, Database Essentials in Amazon Web Services (3)
CS 79C, Compute Engines in Amazon Web Services (3)
CS 79D, Security in Amazon Web Services (3)
CS 79E, Best Practices in Amazon Web Services (3)

BLOCKCHAIN DEVELOPER, CERTIFICATE OF ACHIEVEMENT

In this certificate, students study the world of blockchain technology and the promise it holds. Blockchain has always been synonymous with cryptocurrency, but its applications go far beyond financial transactions. Companies in every industry are finding value in understanding how to apply blockchain-based solutions to solve problems. Students will

learn how cryptocurrencies, like Bitcoin, make use of the blockchain to facilitate peer-to-peer digital transactions. Students will identify the problems blockchain technologies aim to solve, as well as learn its underlying ability to facilitate a marketplace without traditional intermediaries, promoting widespread, transformational change. Students will design and code decentralized blockchain applications.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to create and deploy blockchain technology to support different industries.

Required Courses: (15 units)

CS 20A, Data Structures with C++ (3)

or

CS 20B, Data Structures with Java (3)

or

CS 81, Javascript Programming (3)

or

CS 87B, Advanced Python Programming (3)

CS 73A, Fundamentals of Computer Security (3)

CS 76A, Cryptocurrency and Cryptoassets (3)

CS 76B, Fundamentals of Blockchain (3)

CS 79A, Introduction to Cloud Computing (3)

DATA SCIENCE, CERTIFICATE OF ACHIEVEMENT

Data science is an applied field that uses scientific methods, processes, algorithms, and systems to extract knowledge and insights from both structured and unstructured data sources. Data science incorporates data mining, machine learning, and big data to make predictions and identify actions that organizations can take to be more effective. Data scientists are responsible for breaking down big data into usable information and creating software and algorithms that help companies and organizations determine optimal operations. This certificate will prepare students for jobs in this field by providing students with skills in different technologies and techniques that are used for data science and machine learning. Students may also choose to transfer to four-year universities with established undergraduate programs in data science.

Program Learning Outcomes: Upon completion of the program, students will be able to analyze data and employ different software tools to make certain predictions and optimize organizational operations.

Required Courses: (12 units)

CIS 30T, Tableau Desktop Essentials (3)

CS 79A, Introduction to Cloud Computing (3)

CS 82A, Introduction to Data Science (3)

CS 82B, Principles of Data Science (3)

Choose 1 Track: (3-6 units)

R TRACK

CS 82C, R Programming (3)

or

PYTHON TRACK

CS 87A, Python Programming (3)

and

CS 87B, Advanced Python Programming (3)

Choose 1 Track: (6 units)

AZURE TRACK

CS 79Y, Microsoft Azure Database Essentials (3)

and

CS 79X, Data Science on Azure (3)

or

AWS TRACK

CS 79B, Database Essentials in Amazon Web Services (3)

and

CS 79F, Machine Learning on AWS (3)

INFORMATION SYSTEMS MANAGEMENT, CERTIFICATE OF ACHIEVEMENT

This program aims to provide Computer Science students with the knowledge needed to develop Information Systems in a real-world setting. Students learn how to develop medium to large scale applications while applying the skills needed to plan and budget resources in development projects from conceptual design to deployment.

Program Learning Outcomes: Upon completion of the program, students will understand the real-world complexity of Information Systems in industry today. Students will learn how to plan and budget resources for the successful implementation of Information Systems.

Required Courses: (10 units)

CIS 9A, Technology Project Management I (3)

or

CS 9A, Technology Project Management I (3) (*same as CIS 9A*)

CIS 9B, Technology Project Management II (3)

or

CS 9B, Technology Project Management II (3) (*same as CIS 9B*)

CS 15, Visual Basic Programming (3)

CS 88A, Independent Studies in Computer Science (1)

Select 1 course from the following: (3 units)

CS 19, Advanced Visual Basic Programming (3)

CS 32, Database Programming in Visual Basic.Net (3)

CS 37, Web Programming in VB .NET (3)

MOBILE APPS DEVELOPMENT – ANDROID, CERTIFICATE OF ACHIEVEMENT

This program provides students with the knowledge and skills necessary to work in the emerging mobile career field. Students learn how to design and write apps for the Android platform. In addition to programming courses, the program includes courses that teach the fundamentals of mobile app and icon design.

Program Learning Outcomes: Upon completion of the program, students will design — and use the Eclipse environment to develop, test, and debug — apps that run on the Android platform for mobile phones and tablets. In addition, students will use the Android Framework to develop apps for mobile devices that incorporate audio, pictures, animation, maps, networking, and the Internet.

Required Courses: (12 units)

CS 55, Java Programming (3)

CS 56, Advanced Java Programming (3)

CS 86, Android Development (3)

GR DES 75, Mobile Design 1 (3)

Select 1 course from the following: (3 units)

CIS 60A, Photoshop I (3)

CS 60, Database Concepts and Applications (3)

CS 84, Programming with XML (3)

MOBILE APPS DEVELOPMENT – IPHONE, CERTIFICATE OF ACHIEVEMENT

This program provides students with the knowledge and skills necessary to work in the emerging mobile career field. Students learn how to design and write apps for the iPhone/iPad/iPod platform. In addition to programming courses, the program includes courses that teach the fundamentals of mobile app and icon design.

Program Learning Outcomes: Upon completion of the program, students will design, develop, test, and debug iOS apps using XCode environment for iPhone, iPad, and iPod. In addition, students will develop iOS apps using Cocoa Framework that incorporate the address book, audio, video, networking, and the Internet.

Required Courses: (9 units)

CS 53A, iOS Development with Swift (3)

CS 53B, iOS Mobile App Development (3)

GR DES 75, Mobile Design 1 (3)

Select 1 course from the following: (3 units)

CIS 60A, Photoshop I (3)

CS 60, Database Concepts and Applications (3)

CS 84, Programming with XML (3)

SYSTEM ADMINISTRATOR (FORMERLY NETWORKING), CERTIFICATE OF ACHIEVEMENT

The IT world is integrated by networks of connected devices, each secured and properly configured. Success in IT disciplines like database, website, or e-commerce development demands a supporting grasp of the network environment. Major technologies are the networks themselves, their fit within the operating platforms they connect to, specific network applications, and measures to achieve network security. System administrators and other qualified IT specialists must understand the various protocols, programs' interfaces, how networks are presented and managed on Unix and Windows platforms, specific server programs and their clients, and what the inherent risks are.

Program Learning Outcomes: Upon completion of the program, students will design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Students will also perform network modeling, analysis, and planning; design network security measures; and research and recommend network and data communications hardware and software.

Required Courses: (9 units)

CS 9A, Technology Project Management I (3) (*same as CIS 9A*)

CS 70, Network Fundamentals and Architecture (3)

CS 84A, Google IT Support Fundamentals I (3)

Select 1 Course from the following: (3 units)

CS 41, Linux Network Administration (3)

or

CS 43, Windows Network Administration (3)

or

CS 84B, Google IT Support Fundamentals II (3)

Select 1 Course from the following: (2-3 units)

CS 75, Network Protocols and Analysis (2)

or

CS 78, Secure Server Installation and Administration (3)

or

CS 84C, Google IT Support Fundamentals III (3)

CLOUD COMPUTING, DEPARTMENT CERTIFICATE

This program provides the industry standard skills to understand and develop applications for the cloud. Students learn a range of topics that cover the technical principals of the hardware and software requirements to run systems in the cloud including storage, database management, and software systems, while maintaining secure access.

Program Learning Outcomes: Upon completion of the program, students will have the ability to host a database and run queries using an interface from a commercial provider. Students will also have the ability to run a file-server service using a provider of their choice.

Required Courses: (12 units)

CS 79A, Introduction to Cloud Computing (3)

CS 79B, Database Essentials in Amazon Web Services (3)

CS 79C, Compute Engines in Amazon Web Services (3)

CS 79D, Security in Amazon Web Services (3)

Select 1 course from the following: (3 units)

CS 55, Java Programming (3)

CS 82, ASPEN.NET Programming in C# (3)

CS 83R, Server-Side Ruby Web Programming (3)

CS 87A, Python Programming (3)

CYBERSECURITY, DEPARTMENT CERTIFICATE

This certificate will prepare students for an entry-level position in the field of information security. They will gain an understanding of technological needs, threats, and weaknesses in cybersecurity. Through this certificate, students will learn the tools needed to manage computer systems as well as gain insight into the legal, and social aspects of the cyber universe.

Program Learning Outcomes: Upon completion of the program, students will be able to analyze potential cyber threats to an organization network, and recommend and apply the proper tools to defend against those attacks.

Required Core: (12 units)

CS 70, Network Fundamentals and Architecture (3)

CS 73A, Fundamentals of Computer Security (3)

CS 73B, Computer Forensics Fundamentals (3)

CS 73C, Cybersecurity and Ethical Hacking (3)

ENTRY LEVEL PROGRAMMER, DEPARTMENT CERTIFICATE

This certificate provides students with the knowledge and practice needed to develop small-scale applications. The certificate also provides students with the building blocks to pursue further studies in computer science and/or start an entry-level position in the software development industry.

Program Learning Outcomes: Upon completion of this program, students will design, code, test and debug computer programs. They will understand and use application software and the various components involved in system development. Student will also learn the social implications of technological development and understand the capabilities of current day computers and the possibilities for the future.

Required Course:

CS 3, Introduction to Computer Systems (3)

Complete any 3 courses from the following:

CS 15, Visual Basic Programming (3)

CS 17, Assembly Language Programming (3)

CS 18, Advanced Assembly Language Programming (3)

CS 19, Advanced Visual Basic Programming (3)

CS 20A, Data Structures with C++ (3)

CS 20B, Data Structures with Java (3)

CS 30, MATLAB Programming (3)

CS 32, Database Programming in Visual Basic.Net (3)

CS 33, C# Programming (3)

CS 34A, Game Programming 1 (3)

CS 37, Web Programming in VB .Net (3)

CS 50, C Programming (3)

CS 51, Visual C++ Programming (3)

CS 52, C++ Programming (3)

CS 53A, iOS Development with Swift (3)

CS 53B, iOS Mobile App Development (3)

CS 55, Java Programming (3)

CS 56, Advanced Java Programming (3)

CS 80, Internet Programming (3)

CS 81, Javascript Programming (3)

CS 82, ASP.NET Programming in C# (3)

CS 83, Server-Side Java Web Programming (3)

CS 83R, Server-Side Ruby Web Programming (3)

CS 85, PHP Programming (3)

CS 86, Android Development (3)

CS 87A, Python Programming (3)

MICROSOFT AZURE, DEPARTMENT CERTIFICATE

This program provides the industry standard skills to understand and develop applications for the cloud using the Microsoft Azure platform. Students learn a range of topics that cover the technical principles of the hardware and software requirements to run systems in the cloud, including storage, database management, and software systems, while maintaining secure access.

Program Learning Outcomes: Upon completion of the program, students will design and develop full stack web apps, as well as provide the code to make websites interactive or allow users to interact with back-end applications and databases. Students will be able to host a database and run queries using an interface from a commercial provider. Students will be able to run a file-server service using a provider of their choice.

Required Courses: (6 units)

CS 79A, Introduction to Cloud Computing (3)

CS 79Z, Microsoft Azure Essentials (3)

Select 1 course from the following: (3 units)

CS 33, C# Programming (3)

or

CS 79Y, Microsoft Azure Database Essentials (3)

or

CS 82, ASP.NET Programming in C# (3)

or

CS 83R, Server-Side Ruby Web Programming (3)

or

CS 87A, Python Programming (3)

ROBOTICS AND ARTIFICIAL INTELLIGENCE, DEPARTMENT CERTIFICATE

This program is temporarily suspended. Many of the required classes are not being offered at this time. Students interested in this certificate program should contact the Computer Science department at 310-434-4295.

Cosmetology

SMC's Cosmetology Department — an exciting place of color, shape, and beauty — offers the education students need to succeed in the cosmetology, skin care, and nail care industries. These well-established programs will prepare students for a career as a platform artist, educator, stylist, colorist, salon owner, sales representative, and makeup artist, as well as offer students the opportunity to work in the television and movie industries, or on cruise ships. This program prepares students to take the State board examination for a cosmetology license.

Information regarding the cosmetology program is available in the Cosmetology Department, 310-434-4292, and through the SMC website (smc.edu).

Programs Offered:

- Cosmetology Associate Degree
- Cosmetology Certificate of Achievement (18 units to total 1,000 hours)
- Esthetician Certificate of Achievement (12 units to total 600 hours)
- Nail Care Certificate of Achievement (9 units to total 400 hours)
- Salon Business Certificate of Achievement (14 units)

COSMETOLOGY, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will be able to demonstrate professional level skill in her cutting, hair coloring, hair styling, nail care, and skin care. Additionally, the student will be proficient in health and safety procedures in common use in salons. Upon completion, the student will be eligible to take the California State Board of Cosmetology and Barbering licensure exam.

Required Hours:

1,000 hours minimum including the courses specified below.

Required Related Science Courses:

COSM 10A, Related Science 1A
 COSM 10B, Related Science 1B
 COSM 20, Related Science 2
 COSM 30, Related Science 3
 COSM 50A, Written Preparation for Cosmetology State Board Exam

Required Hair Cutting Courses:

COSM 11A, Hair Cutting 1

COSM 21A, Hair Cutting 2
 COSM 42, Men's Hair Styling

Required Hair Styling Courses:

COSM 11B, Hair Styling 1
 COSM 21B, Hair Styling 2

Required Hair Coloring Courses:

COSM 11C, Hair Coloring 1
 COSM 21C, Hair Coloring 2

Required Permanent Wave Course:

COSM 11D, Permanent Wave 1

Required Curly Hair Technique Course:

COSM 21E, Curly Hair Techniques 2

Required Nail Care Courses:

COSM 16, Nail Care 1
 COSM 26, Nail Care 2
 COSM 36, Nail Care 3

Required Esthetician Courses:

COSM 18, Skin Care 1
 COSM 28A, Skin Care 2A
 COSM 28B, Skin Care 2B
 COSM 48B, Advanced Make-Up

Required Salon Management Course:

COSM 64, Salon Management

In order to fulfill required hours, operations, and/or units, select one or more of the following Salon courses: (1 unit minimum) NOTE: Students may NOT enroll in any of the courses below until they have completed at least 300 hours of practicum activity AND have completed all of the following Cosmetology courses: 10A, 10B, 11A, 11B, 11C, 11D, 11E, 16, and 18.

Salon Experience Courses:

COSM 95A, Salon Experience
 COSM 95B, Salon Experience
 COSM 95C, Salon Experience

ESTHETICIAN, CERTIFICATE OF ACHIEVEMENT

The esthetician program provides students with professional-level skill in client consultation, skin analysis, and manual, chemical, and electrical facials, as well as eyebrow shaping, waxing, the application of strip and individual eyelashes, and makeup application. Additionally, students will become proficient in health and safety procedures in common use in salons and spas. Upon completion, the student will be eligible to take the State Board of Cosmetology and Barbering/NIC Esthetician licensure exam.

Program Learning Outcomes: Upon completion of the program, students will demonstrate entry-level proficiencies needed in a professional spa environment, including skin analysis, product application, massage, and waxing techniques required for specific skin types and skin conditions. Students will be able to demonstrate knowledge of electrical modalities and chemical peels at a level applicable to enter the esthetic workplace, as well as pass their California Board of Barbering and Cosmetology Esthetic examination.

Required Hours:

600 hours minimum including the courses specified below.

Required Related Science Courses:

COSM 10A, Related Science 1A
 COSM 10B, Related Science 1B

COSM 20, Related Science 2
 COSM 30, Related Science 3
 COSM 50E, Written Preparation for Esthetician State Board Exam

Required Esthetician Courses:

COSM 18, Skin Care 1
 COSM 28A, Skin Care 2A
 COSM 28B, Skin Care 2B
 COSM 38, Skin Care 3
 COSM 38B, Mechanical Exfoliation
 COSM 38C, Chemical Exfoliation
 COSM 48, Skin Care 4
 COSM 48B, Advanced Make-Up

Required Salon Management Course:

COSM 64, Salon Management

Theory and Practice Activity: In order to fulfill required hours, operations, and/or units, select one or more of the following Salon courses: (1 unit minimum) NOTE: Students may NOT enroll in any of the courses below until they have completed at least 90 hours of practicum activity AND have completed all of the following COSM courses: 10A, 10B, and 18.

Salon Experience Courses:

COSM 95A, Salon Experience
 COSM 95B, Salon Experience
 COSM 95C, Salon Experience
 COSM 95D, Salon Experience

NAIL CARE, CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the Nail Care program, students will demonstrate professional-level skill in manicures, pedicures, nail tips, acrylics, gel nails, and 3-D nail art. Additionally, the student will be proficient in health and safety procedures in common use in salons and spas.

Required Hours:

400 hours minimum including the courses specified below.

Required Related Science Courses:

COSM 10A, Related Science 1A
 COSM 10B, Related Science 1B
 COSM 20, Related Science 2
 COSM 50N, Written Preparation for Nail Care State Board Exam

Required Nail Care Courses:

COSM 16, Nail Care 1
 COSM 26, Nail Care 2
 COSM 36, Nail Care 3
 COSM 46, Nail Care 4

Required Salon Management Course:

COSM 64, Salon Management

Theory and Practical Activity: In order to fulfill required hours, operations, and/or units, select one or more of the following Salon courses: (1 unit minimum) (NOTE: Students may NOT enroll in any of the courses below until they have completed at least 90 hours of practicum activity AND have completed all of the following COSM courses: 10A, 10B, and 16.)

Salon Experience Courses:

COSM 95A, Salon Experience
 COSM 95B, Salon Experience

COSM 95C, Salon Experience
 COSM 95D, Salon Experience

SALON BUSINESS, CERTIFICATE OF ACHIEVEMENT

A Department Certificate in Salon Business will aid cosmetologists, estheticians, and manicurists in establishing and running their own business/salon.

Program Learning Outcomes: Upon completion of the Salon Business Certificate, students will demonstrate an understanding of the key points for operating and supervising a salon/spa business. Students will be able to apply business principles to the salon and spa business.

Required Courses:

ACCTG 21, Business Bookkeeping (3)
 BUS 34, Introduction to Social Media Marketing (3)
 CIS 4, Business Information Systems with Applications (3)
 COSM 64, Salon Management (2)

Select one course from the following:

BUS 1, Introduction to Business (3)
 BUS 20, Principles of Marketing (3)
 BUS 65, Management Principles (3)

TEACHER TRAINING (IN COSMETOLOGY)

This program is temporarily suspended. Many of the required classes are not being offered at this time. Students interested in this certificate program should contact the Cosmetology department at 310-434-4292.

Counseling - Noncredit

This noncredit program is designed to assist students in transitioning from noncredit to credit courses, with the goal of improving literacy and preparing for a career and general skills for the workforce. These two courses will focus on college readiness, educational planning, the career exploration process and how to navigate the workforce and become gainfully employed. *The Certificate of Completion is granted after successful completion of COUNS 901 and COUNS 902.*

Program Offered:

- Transition to College and Career Certificate of Completion (Noncredit)

TRANSITION TO COLLEGE AND CAREER, CERTIFICATE OF COMPLETION (NONCREDIT)

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge of the SMC matriculation process, student support services and resources and prepare an educational plan based on short and long-term goals. Students will be able to identify a potential career and associated job skills through career and interest inventories, create a career action plan, resume, cover letter and job application, and utilize job online job search resources.

Required Courses:

COUNS 901, Transition to College (0)
 COUNS 902, Career and Workforce Readiness (0)

Dance

The Dance program prepares the serious dance student for university transfer and provides dance training and enrichment for both the beginning and the advanced dancer. The program offers a comprehensive curriculum with a broad range of dance courses to nurture versatile dance artists. The Dance Department encourages students to think independently, to value creative thought and diversity, and to be responsible global citizens.

The goal of the Dance program is to prepare students for future careers in performance, choreography, teaching, and related careers in dance. The program offers a wide array of dance classes designed to cultivate technique, creativity, and performance skills while enhancing self-confidence, creative thought/expression, and critical thinking.

Programs Offered:

- Transfer Preparation
- Dance Associate Degree

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

DANCE, ASSOCIATE DEGREE

Program Learning Outcomes: Upon completion of the program, students will develop an understanding and appreciation of the aesthetics inherent in the art of dance, as well as develop an awareness and respect for similar and dissimilar cultures. Students acquire the historical knowledge, necessary technical skills, and knowledge in a particular style of dance, as well as observation/analysis of dance presented on stage or in media. Students implement critical thinking skills and kinesthetic awareness through creative experience in class, learning to communicate through the power of movement, and discovering self-motivation.

Required Courses: (31 units)

- DANCE 5, Dance History (3)
- DANCE 33A, Intermediate Ballet 3A (2)
- DANCE 33B, Intermediate Ballet 3B (2)
- DANCE 34A, Advanced Ballet 4A (2)
- DANCE 34B, Advanced Ballet 4B (2)
- DANCE 43A, Intermediate Contemporary Modern Dance 3A (2)
- DANCE 43B, Intermediate Contemporary Modern Dance 3B (2)
- DANCE 44A, Advanced Contemporary Modern Dance 4A (2)

- DANCE 44B, Advanced Contemporary Modern Dance 4B (2)
- DANCE 55A, Dance Performance – Modern (4)
- DANCE 57A, World Dance Performance (4)
- DANCE 60, Fundamentals of Choreography: Dance Improvisation (2)
- DANCE 61, Fundamentals of Choreography: Composition 1 (2)

Additional Electives: Select at least 2 units from the following:

- DANCE 2, Dance in American Culture (3)
- DANCE 6, 20th and 21st Century Dance History (3)
- DANCE 7, Music for Dance (3)
- DANCE 9, Dance Productions (3)
- DANCE 10, Fundamentals of Dance Technique (2)
- DANCE 11, Beginning Hip Hop Dance (2)
- DANCE 12, Intermediate Hip Hop Dance (2)
- DANCE 13, Advanced Hip Hop Dance (2)
- DANCE 14, Beginning Jazz (2)
- DANCE 15, Intermediate Jazz (2)
- DANCE 16, Advanced Jazz (2)
- DANCE 17, Beginning Tap (2)
- DANCE 18, Intermediate Tap (2)
- DANCE 19A, Beginning Ballroom Dance (American Style) (2)
- DANCE 20, World Dance Survey (2)
- DANCE 21A, Beginning Asian Pacific Dance (2)
- DANCE 21B, Intermediate Asian Pacific Dance (2)
- DANCE 22, Mexican Dance (2)
- DANCE 23, Intermediate Mexican Dance (2)
- DANCE 24, Flamenco Dance 1 (2)
- DANCE 24B, Intermediate Flamenco Dance (2)
- DANCE 25, African Dance (2)
- DANCE 25B, Intermediate African Dance (2)
- DANCE 26A, Beginning Salsa Dance (2)
- DANCE 27, Brazilian Dance (2)
- DANCE 27B, Intermediate Brazilian Dance (2)
- DANCE 29, Middle Eastern/North African Dance (2)
- DANCE 31, Ballet 1 (2)
- DANCE 32, Ballet 2 (2)
- DANCE 37, Beginning Pointe (2)
- DANCE 41, Contemporary Modern Dance 1 (2)
- DANCE 42, Contemporary Modern Dance 2 (2)
- DANCE 55B, Dance Repertory – Modern (1)
- DANCE 57B, Repertory World Dance (1)
- DANCE 59A, Dance Performance – Ballet (3)
- DANCE 62, Fundamentals of Choreography: Composition 2 (2)
- DANCE 63, Fundamentals of Choreography: Special Topics (2)
- DANCE 70, Dance Staging Techniques (1)
- DANCE 75, Dance for Children: Creative Dance in the Pre-K and Elementary Classroom (3) (*same as ECE 75*)
- DANCE 77, Navigating Careers in Dance (3)
- DANCE 79, Dance in New York City (1)
- ECE 75, Dance for Children: Creative Dance in the Pre-K and Elementary Classroom (3) (*same as DANCE 75*)

Digital Media Post-Production

Programs Offered:

- Transfer Preparation
- Digital Media Associate Degree
- Digital Audio Post-Production Certificate of Achievement (18 units)
- Digital Media Foundation Certificate of Achievement (18 units)
- Digital Video Post-Production Certificate of Achievement (18 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

DIGITAL MEDIA, ASSOCIATE DEGREE

The Digital Media Associate degree program is a comprehensive study of the digital post-production processes used in the entertainment industry. The required coursework begins with the Digital Media Foundation Certificate of Achievement, combining a solid foundation in visual storytelling with hands-on experience using digital media software applications.

After successfully completing the Digital Media Foundation, students pursue a concentration in either Digital Audio Post-Production or Digital Video Post-Production. Each concentration reflects an area of industry specialization, and is awarded as a second Certificate of Achievement. Students must complete the required coursework for the Digital Media Foundation and at least one concentration to be eligible for the Digital Media Associate degree.

Throughout the Digital Media Associate degree program, students learn to develop professional skills, demonstrate those skills in effective entry-level portfolios, and work collaboratively on team-based projects. Students may also participate in internships with industry partners when available.

Program Learning Outcomes: Upon completion of the program, students will be able to create an effective digital media portfolio for transfer or entry-level employment that demonstrates an understanding of industry-standard tools and methodologies.

Required Courses: (18 units)

- ANIM 1, Storytelling (3) (formerly ET 2)
- DMPOST 1, Digital Media Workflow Management (3) (formerly ET 3)

DMPOST 2, Digital Audio Fundamentals (3) (formerly ET 40)

DMPOST 3, Digital Video Fundamentals (3) (formerly ET 31A)

DMPOST 4, Digital Image Fundamentals (3) (formerly ET 38)

FILM 1, Film Appreciation: Introduction to Cinema (3)

Required Concentration: Select 1 of the following concentrations: (minimum of 18 units as specified)

Digital Audio Post-Production Concentration: (18 units)

DMPOST 20, Digital Audio Editing (3) (formerly ET 41)

DMPOST 21, Digital Audio for Games (3) (formerly ET 39)

DMPOST 22, Digital Music Production (3) (formerly ET 41M)

DMPOST 23, Sound Design (3)

DMPOST 24, Audio Mixing for Visual Media (3)

DMPOST 60, Post-Production Studio (3) (formerly ET 60)

or

Digital Video Post-Production Concentration: (18 units)

DMPOST 30, Digital Video Editing (3) (formerly ET 31B)

DMPOST 31, Digital Compositing (3) (formerly ET 32)

DMPOST 32, Color Grading and Film Finishing (3)

DMPOST 60, Post-Production Studio (3) (formerly ET 60)

GR DES 71, Motion Graphics 1 (3)

GR DES 71B, Motion Graphics 2 (3)

DIGITAL AUDIO POST-PRODUCTION, CERTIFICATE OF ACHIEVEMENT

The Digital Audio Post-Production program is a comprehensive study of the digital audio post-production processes used in the entertainment industry. Through a balance of theory and hands-on experience, students will learn professional practices on industry-standard technology.

Program Learning Outcomes: Upon completion of the program, students will be able to create an effective digital audio portfolio for transfer or entry-level employment that demonstrates an understanding of industry standard tools and methodologies.

Required Courses: (18 units)

DMPOST 20, Digital Audio Editing (3) (formerly ET 41)

DMPOST 21, Digital Audio for Games (3) (formerly ET 39)

DMPOST 22, Digital Music Production (3) (formerly ET 41M)

DMPOST 23, Sound Design (3)

DMPOST 24, Audio Mixing for Visual Media (3)

DMPOST 60, Post-Production Studio (3) (formerly ET 60)

DIGITAL MEDIA FOUNDATION, CERTIFICATE OF ACHIEVEMENT

The Digital Media Foundation program provides a solid foundation in visual storytelling, as well as hands-on exposure to digital post-production processes. Students will gain a fundamental understanding of industry standard software applications.

Program Learning Outcomes: Upon completion of the program, students will be able to create original content that

demonstrates an understanding of digital post-production using standard industry tools and methodologies. Students will also be able to identify areas of potential entry-level employment or advanced study in digital media fields

Required Courses: (18 units)

- ANIM 1, Storytelling (3) *(formerly ET 2)*
- DMPOST 1, Digital Media Workflow Management (3) *(formerly ET 3)*
- DMPOST 2, Digital Audio Fundamentals (3) *(formerly ET 40)*
- DMPOST 3, Digital Video Fundamentals (3) *(formerly ET 31A)*
- DMPOST 4, Digital Image Fundamentals (3) *(formerly ET 38)*
- FILM 1, Film Appreciation: Introduction to Cinema (3)

DIGITAL VIDEO POST-PRODUCTION, CERTIFICATE OF ACHIEVEMENT

The Digital Video Post-Production program is a comprehensive study of the digital video post-production processes used in the entertainment industry. Through a balance of theory and hands-on experience, students will learn professional practices on industry-standard technology.

Program Learning Outcomes: Upon completion of the program, students will be able to create an effective digital video portfolio for transfer or entry-level employment that demonstrates an understanding of industry standard tools and methodologies.

Required Courses: (18 units)

- DMPOST 30, Digital Video Editing (3) *(formerly ET 31B)*
- DMPOST 31, Digital Compositing (3) *(formerly ET 32)*
- DMPOST 32, Color Grading and Film Finishing (3)
- DMPOST 60, Post-Production Studio (3) *(formerly ET 60)*
- GR DES 71, Motion Graphics 1 (3)
- GR DES 71B, Motion Graphics 2 (3)

Early Childhood Education

Students in Early Childhood Education will be trained to supervise and provide care and learning experiences for infant through eight-year-old children in a variety of early childhood settings. Early childhood education professionals adhere to the guidelines as well as the Professional Code of Ethics of the National Association for the Education of Young Children (NAEYC) providing developmentally appropriate learning opportunities for the enhancement of the physical, intellectual, social, emotional and creative domains of young children.

The Early Childhood Education academic and career path focuses on educational practices that emphasize interpersonal relationships, cultural diversity, child-centered curriculum and the inclusion of children with special needs in all educational opportunities.

The Early Childhood Education academic and career path major follows a natural progression that allows students to move from short to long-term educational goals: preparation for the state Children's Center Permit, fulfillment of post-certificate Professional Development, completion of advanced California Career Ladder courses (including paired specialization courses as well as the California State

Mentor course), completion of an Associate degree in Early Childhood Education – Career, Associate degree in Early Childhood Intervention assistant, Associate degree in Early Childhood Intervention Teacher, and transfer to a four-year institution.

Possible Early Childhood Education career goals include Early Childhood Education Teacher, Early Education Director, Early Childhood Intervention Assistant, Early Childhood Intervention Teacher, Family Home Child Care Provider, Private ECE Center Owner/Director, K through 12 Teacher, Early Childhood Special Education Teacher, K through 12 Special Education Teacher, Parent Educator, Early Childhood Education Instructor, Marriage Family and Child Counselor, Child-Life Specialist.

The Early Childhood Intervention Assistant program will prepare students for career placements in public and/or private early intervention and educational settings that serve typically and atypically developing young children. Specific jobs and responsibilities may include serving as an early childhood educator with a specialization in working with children with special needs, special education assistant for children birth to eight years of age, a one-to-one aide for a child (e.g., "inclusion facilitator"), classroom aide with expertise in special needs, or as an assistant to the early intervention team for infants birth to three years of age.

Grid for Early Childhood Education courses at California Community Colleges can be found at: childdevelopment.org/cs/cdct/print/htdocs/services_colleges_aligned.htm

Programs Offered:

- Transfer Preparation
- Child and Adolescent Development Associate Degree for Transfer
Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California Community Colleges. The courses listed below are SMC courses. If completed entirely at SMC, the academic path requires 19 units.
- Early Childhood Education Associate Degree for Transfer
Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California Community Colleges. The courses listed below are SMC courses. If completed entirely at SMC, the academic path requires 27 units.
- Early Childhood Studies Associate Degree
- Early Intervention/Special Education Assistant *(formerly Early Intervention Assistant)* Associate Degree
- Infant/Toddler Teacher Associate Degree
- Early Childhood Associate Teacher – Certificate of Achievement (12 units)
- Early Childhood Education – Career Certificate of Achievement (30 units)
- Early Intervention/Special Education Assistant *(formerly Early Intervention Assistant)* Certificate of Achievement (33 units)
- Elementary Teacher Education Certificate of Achievement (18 units)
- Infant/Toddler Teacher Certificate of Achievement (30 units)
- Nature-Based Pedagogy Certificate of Achievement (22 units)

- Transitional Kindergarten Certificate of Achievement (24 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

SMC offers the **Early Childhood Education Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Early Childhood Education AS-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/ad-search/search.shtml

CHILD AND ADOLESCENT DEVELOPMENT, ASSOCIATE DEGREE FOR TRANSFER

The Child and Adolescent Development Associate Degree for Transfer provides a comprehensive understanding of a broad range of human development domains — including social, cognitive, physical, and culture — from birth through adolescence. The degree provides broad undergraduate preparation for students interested in child and adolescent care, as well as a variety of youth-related social service careers.

The degree is designed for students who intend to work with children, youth, and their families in social work, community-based settings, in preparation for elementary or secondary education services, counseling, developmental psychology, and nonprofit agencies.

This AA-T degree will prepare students for transfer to a similar CSU degree, as well as graduate study in disciplines such as child development, counseling, developmental psychology, and social work.

Program Learning Outcomes: Upon completion of the program, students will be able to assess how socialization and culture impact the lives of children and families. Students will also be able to evaluate different perspectives that affect the growth and socialization experiences of infants, children, and adolescents, as well as able to examine the physical, social-emotional, cognitive, language, and cultural influences on development.

Transfer and program requirements are subject to change. For the most up-to-date information regarding transfer preparation visit assist.org and regarding degree and certificate requirements visit smc.edu/articulation.

Required Core Courses: (15-16 units)

- ECE 11, Child, Family and Community (3)
- MATH 54, Elementary Statistics (4)
- PSYCH 1, General Psychology (3)
- PSYCH 11, Child Growth and Development (3)
- PSYCH 19, Lifespan Human Development (3)

LIST A: Select 1 course from the following: (It is highly recommended that students take ECE 46)

- AHIS 11, Art Appreciation: Introduction to Global Visual Culture (3)
- ANTHRO 2, Cultural Anthropology (3)
- BIOL 3, Fundamentals of Biology (4)
- DANCE 5, Dance History (3)
- ECE 46, Infant and Toddler Development (3)
- ECE 64, Health, Safety, and Nutrition for Young Children (3)
- HEALTH 10, Fundamentals of Healthful Living (3)
- HIST 33, World Civilizations I (3)
- MUSIC 30, Music History I (3)
- MUSIC 31, Music History II (3)
- MUSIC 32, Appreciation of Music (3)
- PHILOS 5, Contemporary Moral Conflicts (3)
- SOCIOL 1, Introduction to Sociology (3)
- SOCIOL 1s, Introduction to Sociology - Service Learning (3)
- SOCIOL 12, Sociology of the Family (3)
- SOCIOL 34, Racial and Ethnic Relations in American Society (3)
- TH ART 2, Introduction to the Theatre (3)
- WGS 10, Introduction to Women's, Gender and Sexuality Studies (3) (formerly WOM ST 10)

EARLY CHILDHOOD EDUCATION, ASSOCIATE DEGREE FOR TRANSFER

The Santa Monica College AS-T in Early Childhood Education provides students with a strong academic foundation in the field and prepares them for upper-division baccalaureate study. This coursework will satisfy most of the lower-division Early Childhood Education requirements at many institutions. This degree is intended for students who are interested in Early Childhood Education and are planning on transferring to a four-year university.

Early Childhood Education professionals adhere to the guidelines, as well as the Professional Code of Ethics of the National Association for the Education of Young Children (NAEYC) providing developmentally appropriate learning opportunities for the enhancement of the physical, intellectual, social, emotional, and creative domains of young children.

Completion of this degree will likely give the student priority admission consideration in the majors at many California State University campuses. In addition, the student will need to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the degree. Students considering transfer to a UC, private, or out-of-state university should consult a counselor before applying to transfer, as that institution's transfer requirements might be different from those required for the AS-T in Early Childhood Education.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the knowledge, skills, and dispositions to meet the entry-level requirements for early childhood professionals working in programs regulated

by the California Department of Social Services (Title 22). This degree is designed to meet the requirements for the California Child Development Teacher permit and satisfies the coursework required to transfer to a four-year institution.

Required Core Courses: (27 units)

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- ECE 17, Introduction to Curriculum (3)
- ECE 19, Teaching in a Diverse Society (3)
- ECE 21, Observation and Assessment (4)
- ECE 22, Practicum in Early Childhood Education (5)
- ECE 64, Health, Safety and Nutrition for Young Children (3)
- PSYCH 11, Child Growth and Development (3)

EARLY CHILDHOOD STUDIES, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Please note: This is NOT the CSU transfer degree. For details about the Early Childhood Education Associate in Science for Transfer (AS-T) to CSU, please see above.

The Early Childhood Studies program focuses on educational practices that emphasize interpersonal relationships, cultural diversity, child-centered curriculum, and the inclusion of children with special needs in all educational opportunities. The curriculum prepares students to teach or administer programs for young children, including private early childhood programs, public programs such as school district children centers, Head Start Programs, and Infant and School Age Programs. The Early Childhood Studies program is geared toward students wishing to prepare for employment in early childhood programs. Emphasis is placed in preparing students for early entry into the workforce. The program provides a sequential path that allows students to obtain the academic requirements for various state permits — Associate Teacher, Assistant Teacher, and Teacher. Students may build on the courses provided by the Early Childhood Studies program to later transfer. However, the AS-T in ECE is the recommended option for students desiring to transfer.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the knowledge, skills, and dispositions to meet the entry-level requirements for early childhood professionals working in programs regulated by the California Department of Social Services (Title 22). This degree is designed to meet the requirements for a California Child Development Teacher Permit.

Required Core Courses: (24 units)

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- ECE 21, Observation and Assessment (4)
- ECE 22, Practicum in Early Childhood Education (5)
- ECE 45, Introduction to Children with Special Needs (3)
- ECE 64, Health, Safety and Nutrition for Young Children (3)
- PSYCH 11, Child Growth and Development (3)

Required Curriculum Courses; Select 2 courses from the following: (6 units)

- ECE 4, Language and Literature for the Young Child (3)
- ECE 5, Math and Science for the Young Child (3)

- ECE 8, Creative Experiences – Art, Music and Movement (3)
- ECE 17, Introduction to Curriculum (3)

EARLY CHILDHOOD ASSOCIATE TEACHER, CERTIFICATE OF ACHIEVEMENT

Students completing an Early Childhood Associate Teacher certificate are qualified to teach in a private child development program licensed under Title 22 of the Department of Social Services. It also fulfills the educational requirements for students seeking a California Child Development Permit Matrix at the Associate Teacher level issued by the California Commission of Teaching Credentialing. Students that desire to work in a early childhood setting are required to minimally complete these core classes.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the knowledge, skills and dispositions to meet the entry-level requirements for early childhood professionals working in programs regulated by the California Department of Social Services (Title 22). This certificate is designed to meet the Early Childhood Education coursework which is one of the two requirements needed to qualify for the California Child Development Associate Teacher permit.

Required Courses: (9 units)

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- PSYCH 11, Child Growth and Development (3)

Select 1 additional course from the following courses: (3 units)

- ECE 4, Language and Literature for the Young Child (3)
- ECE 5, Math and Science for the Young Child (3)
- ECE 8, Creative Experiences – Art, Music, and Movement (3)
- ECE 17, Introduction to Curriculum (3)

EARLY INTERVENTION/SPECIAL EDUCATION ASSISTANT (FORMERLY EARLY INTERVENTION ASSISTANT), ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Early Childhood Education majors will be trained to supervise and provide care and learning experiences for children from infancy through eight years of age in a variety of early childhood settings.

Early Childhood Education professionals adhere to the guidelines as well as the Professional Code of Ethics of the National Association for the Education of Young Children (NAEYC), and provide developmentally appropriate learning opportunities for the enhancement of the physical, intellectual, social, emotional, and creative domains of young children.

The Early Intervention/Special Education Assistant program will prepare students for career placements in public and/or private early intervention and educational settings that serve young children with a range of developmental strengths, abilities, and needs. Specific jobs and responsibilities may include serving as an early childhood educator with a specialization in working with children with exceptionalities, a special education assistant for children from birth to eight years of age, a one-to-one assistant for

children with exceptionalities (e.g., inclusion facilitator), a classroom assistant with expertise in special needs, or as an assistant teacher on an early intervention team serving infants and toddlers from birth to three years of age.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the knowledge, skills, and dispositions to work with young children with exceptionalities and those who may be at risk of developmental delays and disabilities, and with their families. The degree and certificate programs are appropriate for students working as assistants or paraprofessionals in early intervention or early childhood special education. The degree program is also appropriate for students working as early childhood teachers in an inclusive early childhood program licensed by the California Department of Social Services (Title 22). The degree is designed to meet the requirements for the California Child Development Teacher permit, while the certificate is designed to meet two of the three requirements needed to qualify for the California Child Development Teacher permit.

Required Courses:

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- ECE 17, Introduction to Curriculum (3)
- ECE 21, Observation and Assessment (4)
- ECE 23, Practicum in Early Intervention/Special Education (5)
- ECE 45, Introduction to Children with Special Needs (3)
- ECE 46, Infant and Toddler Development (3)
- ECE 49, Curriculum and Strategies for Children with Special Needs (3)
- ECE 64, Health, Safety and Nutrition for Young Children (3)
- PSYCH 11, Child Growth and Development (3)

ELEMENTARY TEACHER EDUCATION, CERTIFICATE OF ACHIEVEMENT

The cross-disciplinary courses that are part of this certificate serve as an introduction to the field of teaching. Courses seek to inspire and prepare future educators to teach in urban classrooms and to learn essential professional knowledge, including professional teaching standards and ethics; to conduct fieldwork in order to learn how to meet the diverse needs of students and roles of the teacher; and to gain a foundation of knowledge across some of the disciplines that will be necessary for teaching elementary students. Students also develop critical reading, writing, and thinking skills that are pertinent to working in the era of standards-based classroom instruction.

Program Learning Outcomes: Upon completion of the program, students will demonstrate critical thinking skills, specifically in relation to a liberal arts curriculum, and demonstrate an understanding of content from the CA Common Core State Standards for Mathematics and English Language Arts.

Required Courses:

- COM ST 11, Elements of Public Speaking (3)
- EDUC 12, Introduction to Elementary Classroom Teaching and Field Experiences (3)
- ENGL 1, Reading and Composition 1 (3)
- ENGL 18, Children's Literature (3)

- MATH 41, Mathematics for Elementary School Teachers (3)
- PSYCH 11, Child Growth and Development (3)

INFANT/TODDLER TEACHER, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program prepares students to work with infants/toddlers (0-36 months) enabling the student to assist a teacher in a public infant/toddler program or teach infants/toddlers in a private child care setting. In addition, students will develop skills to create respectful, reciprocal relationships that support, empower, and involve families in their children's learning and development.

Early Childhood Education professionals adhere to the guidelines as well as the Professional Code of Ethics of the National Association for the Education of Young Children (NAEYC) providing developmentally appropriate learning opportunities for the enhancement of the physical, intellectual, social, emotional and creative domains of young children.

Program Learning Outcomes: Upon completion of the program, students will demonstrate an understanding of young children and the multiple interacting influences on children's development and learning in order to create environments that are respectful and supportive for all children, especially those 0-36 months old.

Upon completion of the program, students will demonstrate the ability to create respectful, reciprocal relationships that support and empower families, and involve families in their children's learning and development.

Required Courses:

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- ECE 17, Introduction to Curriculum (3)
- ECE 21, Observation and Assessment (4)
- ECE 22, Practicum in Early Childhood Education (5)
- ECE 32, Communicating with Families (3)
- ECE 46, Infant and Toddler Development (3)
- ECE 71, Infants and Toddler Education and Care (3)
- PSYCH 11, Child Growth and Development (3)

ADDITIONAL INFORMATION: CHILD DEVELOPMENT PERMIT MATRIX (WITH ALTERNATIVE QUALIFICATION OPTIONS)

This matrix was prepared by the Child Development Training Consortium. To obtain a permit application, visit childdevelopment.org or call 209-572-6080.

Assistant (optional)

Education Requirement:

OPTION 1:

6 units of Early Childhood Education (ECE)

or

Child Development (CD)

Experience Requirement: None

Alternative Qualifications:

OPTION 2:

Accredited HERO Program (including ROP)

Authorization: Authorizes the holder to care for and assist in the development and instruction of children in a child care and development program

under the supervision of an Associate Teacher, Teacher, Master Teacher, Site Supervisor, or Program Director.

Five Year Renewal: 105 hrs. of professional growth*****

Associate Teacher

Education Requirement:

OPTION 1:

12 units of ECE/CD including core courses**

Experience Requirement: 50 days of 3+ hours per day within 2 years

Alternative Qualifications:

OPTION 2:

Child Development Associate (CDA) Credential Authorization: Authorizes the holder to provide service in the care, development, and instruction of children in a child care and development program, and supervise an Assistant and an aide.

Five Year Renewal: Must complete 15 additional units toward a Teacher Permit. Must meet Teacher requirements within 10 years.

Teacher

Education Requirement:

OPTION 1:

24 units ECE/CD including core courses** plus 16 general education units* plus 6 specialization units, plus 2 adult supervision units

Experience Requirement: 175 days of 3+ hours per day within 4 years

Alternative Qualifications:

OPTION 2:

Associate degree or higher in ECE/CD or related field with 3 units of supervised field experience in ECE/CD setting

Authorization: Authorizes the holder to provide service in the care, development, and instruction of children in a child care and development program, and supervise an Associate Teacher, Assistant, and an aide.

Five Year Renewal: 105 hours of professional growth*****

Master Teacher

Education Requirement:

OPTION 1:

24 units ECE/CD including core courses**, plus 16 general education units*, plus 6 specialization units, plus 2 adult supervision units

Experience Requirement: 350 days of 3+ hours per day within 4 years

Alternative Qualifications:

OPTION 2:

B.A. or higher (does not have to be in ECE/CD) with 12 units of ECE/CD, plus 3 units of supervised field experience in ECE/CD setting

Authorization: Authorizes the holder to provide service in the care, development, and instruction of children in a child care and development program, and supervise a Teacher, Associate Teacher, Assistant, and an aide. The permit also authorizes the holder to serve as a coordinator of curriculum and staff development.

Five Year Renewal: 105 hours of professional growth*****

Site Supervisor

Education Requirement:

OPTION 1:

Associate degree (or 60 units) which includes: 24 ECE/CD units with core courses**, plus 6 administration units, plus 2 adult supervision units

Experience Requirement: 350 days of 3+ hours per day within 4 years, including at least 100 days of supervising adults

Alternative Qualifications:

OPTION 2:

B.A. or higher (does not have to be in ECE/CD) with 12 units of ECE/CD, plus 3 units of supervised field experience in ECE/CD setting;

or

OPTION 3:

Admin. Credential*** with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting;

or

OPTION 4:

Teaching credential**** with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD settings

Authorization: Authorizes the holder to supervise a child care and development operating as a single site; provide services in the care, development, and instruction of children in a child care and development program; and serve as a coordinator of curriculum and staff development.

Five Year Renewal: 105 hours of professional growth*****

Program Director

Education Requirement:

OPTION 1:

B.A. or higher (does not have to be in ECE/CD) including: 24 ECE/CD units with core courses**, plus 6 administration units, plus 2 adult supervision units

Experience Requirement: One year of Site Supervisor experience

Alternative Qualifications:

OPTION 2:

Admin. credential*** with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting;

or

OPTION 3:

Teaching credential*** with 12 units of ECE/CD, plus 3 units supervised field experience in ECE/CD setting, plus 6 units administration;

or

OPTION 4:

Master's Degree in ECE/CD or Child/Human Development

Authorization: Authorizes the holder to supervise a child care and development program operating in a single site or multiple sites; provide service in a care, development, and instruction of children in a child care and development program; and serve as coordinator of curriculum and staff development.

Five Year Renewal: 105 hours of professional growth*****

NOTE: All unit requirement listed above are semester units. All coursework must be completed with a grade of C or better from a regionally accredited college. Spanish translation is available.

**One course in each of four general education categories, which are degree-applicable: English/Language Arts, Math, or Science, Social Science, Humanities and/or Fine Arts.*

***Core courses include child/human growth and development, Child/Family/Community, or Child and Family Relations; and Programs/Curriculum. A student must have a minimum of three semester units or four quarter units in each of the core areas.*

****Holder of the Administrative Services Credential may serve as a Site Supervisor or Program Director.*

*****A valid Multiple Subject or a Single Subject in Home Economics.*

******Professional growth hours must be completed under the guidance of a Professional Growth Advisor. Call 209-572-6080 for assistance in locating an advisor.*

NATURE-BASED PEDAGOGY, CERTIFICATE OF ACHIEVEMENT

This certificate provides a foundation in child development, highlighting nature, environmental education, and stewardship. It includes an exploration of a nature-based pedagogy continuum; from nature-focused activities through forest Kindergarten principles and practices, as well as strategies and resources to support children in developing and fostering a curiosity of the world around them. Cultural diversity and placed-based influences will be a focus.

Outdoor learning environments (OLEs) stimulate the diversity of children's play experience and contribute to their healthy development. Through observation and assessment opportunities, candidates will experience first-hand the outdoor learning environment; discovering skills and understanding required to create, manage, promote, and organize a quality outdoor learning environment for children.

Program Learning Outcomes: Upon completion of the program, students will demonstrate 1, How to assess early childhood outdoor learning environments. 2. Utilize benefit-risk assessment when introducing an outdoor learning experience. 3. Explain how having a quality early childhood outdoor learning environments can positively impact physical activity and healthy eating in young children. 4. Infuse early childhood education with environmental education learning opportunities. 5. Describe how outdoor environments and nature connection can support early childhood development.

Required Courses: (22 units)

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 11, Child, Family and Community (3)
- ECE 17, Introduction to Curriculum (3)
- ECE 21, Observation and Assessment (4)
- ECE 76, Children in Nature (3)
- ECE 77, Nature: In, Out and Beyond (3)
- PSYCH 11, Child Growth and Development (3)

TRANSITIONAL KINDERGARTEN, CERTIFICATE OF ACHIEVEMENT

The goal of the Transitional Kindergarten certificate is to provide a strand of unit bearing curriculum specifically designed to meet the needs of current Transitional Kindergarten (TK) teachers as well as Multiple Subject credential holders needing the Early Childhood unit requirement to be a TK teacher.

Program Learning Outcomes: Upon completion of the program, students will be able to develop and align the transitional kindergarten curriculum to the California Preschool Learning Foundations.

Required Courses: (24 units)

- ECE 2, Principles and Practices of Teaching Young Children (3)
- ECE 24, Preschool and Early Primary Development (3)
- ECE 25, Assessment in Transitional Kindergarten and Kindergarten (3)
- ECE 26, CA Preschool Foundations and Frameworks 1 (3)
- ECE 27, CA Preschool Foundations and Frameworks 2 (3)
- ECE 28, Practicum in Transitional Kindergarten Teaching (3)
- ECE 29, Reflective Practice Seminar (3)
- ECE 30, Strategies for Working with Challenging Behaviors (3)

Early Childhood Education – Noncredit

This noncredit program serves as an introduction to the theoretical and practical knowledge required for working with young children in an early care and education setting. The program will help individuals determine their level of interest in the early care and education field, prepare students for credit-bearing coursework in early childhood education, and count toward the professional growth requirement for the renewal of an existing Child Development Permit. The program consists of a sequence of courses that prepares students with the knowledge and skills needed to gain employment as an entry-level assistant teacher or family child care provider. This includes an understanding of child development from birth to age 5, basic principles of early care and education, planning culturally responsive curriculum, communicating with children and families, licensing regulations, health and safety standards, and employment seeking strategies. This Certificate of Completion is not intended as a substitute for any Certificate or Associate in Science – Early Childhood Education or related degrees coursework, which provide state-mandated education and fieldwork experience leading to a Child Development Permit and employment as an early care and education associate teacher or higher. After completing this program, students who wish to pursue a certificate/degree in Early Childhood Education are encouraged to meet with a Counselor to create an Education Plan.

Program Offered:

- Introduction to Early Care and Education Certificate of Completion (Noncredit)

INTRODUCTION TO EARLY CARE AND EDUCATION, CERTIFICATE OF COMPLETION (NONCREDIT)

Program Learning Outcomes: Upon completion of the program, students will demonstrate an understanding of the foundational knowledge and skills needed to work with children ages 0-5 and their families in an early care and education setting. Students will demonstrate an understanding of basic child development theories and how they can be used to support teachers in planning and preparing culturally responsive and developmentally appropriate classroom and curriculum experiences. In addition, students will demonstrate an understanding of the licensing and workforce requirements for group care and education for young children in California.

Required Courses:

- ECE 901, Introduction to Early Care and Education (0)
- ECE 902, Culturally Relevant Curriculum (0)
- ECE 903, Early Care Licensing and Workforce Readiness (0)

Economics

Economists study how society can best use scarce resources such as land, raw materials, capital, and labor. They analyze the relationships between the supply of goods and services and the demand for them, as well as how these goods and services are produced, distributed, and consumed. Some economists work on public issues such as the control of inflation, business cycles, unemployment, wage, tax, and tariff policies. Economics is widely recognized as a solid background for a career in business, government, law, teaching and research.

Programs Offered:

- Transfer Preparation
- Economics Associate Degree for Transfer
Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California Community Colleges. The courses listed below are SMC courses. If completed entirely at SMC, the academic path requires 21 units.

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Economics. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the **Economics Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Economics AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml

ECONOMICS, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Economics for Transfer (AA-T) involves the study of how society can best use scarce resources such as land, raw materials, capital, and labor. The course of study analyzes the relationships between the supply of goods and services and the demand for them, as well as how these goods and services are produced, distributed, and consumed. Some economists work on public issues such as the control of inflation, business cycles, unemployment, wage, tax, and tariff policies. Economics is widely recognized as a solid background for a career in business, government, law, teaching and research.

Upon successful completion of the Associate in Arts in Economics for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into economics or similar majors for many campuses in the California State University system.

Program Learning Outcomes: Upon completion of the program, students will demonstrate, through written and oral academic work, an understanding of how the market economy fundamentally operates. Specifically, students will develop the quantitative reasoning and critical analytic/graphical skills necessary to comprehend and explain basic microeconomic and macroeconomic concepts and functions, including, but not limited to, supply and demand, pricing decision, firm's production decisions and profit maximization decision under various market structures, contending perspectives of economic thought, and the impacts of government policies (fiscal and monetary policies) on gross domestic product, unemployment, inflation, budget deficits, national debt, foreign currency, and the international economy.

Required Core Courses: (9 units minimum)

- ECON 1, Principles of Microeconomics (3)
- ECON 2, Principles of Macroeconomics (3)
- MATH 54, Elementary Statistics (4)

Required Calculus Courses: (3 units minimum)

- MATH 7, Calculus 1 (5)

or

- MATH 28, Calculus 1 for Business and Social Science (5)

LIST A: Select 1 course from the following: (3 units minimum)

ACCTG 1, Introduction to Financial Accounting (5)
 ACCTG 2, Corporate Financial and Managerial Accounting (5)
 ARABIC 1, Elementary Arabic 1 (5)
 BUS 5, Business Law and the Legal Environment (3)
 BUS 6, Advanced Business Law (3) (*formerly same as ACCTG 26*)
 BUS 32, Business Communications (3)
 CHNESE 1, Elementary Chinese 1 (5)
 CHNESE 2, Elementary Chinese 2 (5)
 ENGL 2, Critical Analysis and Intermediate Composition (3)
 ENGL 70, Technical Communication (3)
 HIST 47, The Practice of History (3)
 MATH 2, Precalculus (5)
 MATH 8, Calculus 2 (5)
 MATH 29, Calculus 2 for Business and Social Science (3)
 SPAN 1, Elementary Spanish I (5)
 SPAN 2, Elementary Spanish II (5)
 SPAN 3, Intermediate Spanish I (5)
 SPAN 4, Intermediate Spanish II (5)
 SPAN 11, Spanish for Heritage Speakers I (5)
 SPAN 12, Spanish for Native Speakers 2 (5)
 Other SMC Modern Language courses may be substituted.

LIST B: Select 1 course from the following: (3 units minimum)

Any course not used in List A

ECON 5, International Political Economy: Introduction to Global Studies (3) (*same as POL SC 5 and GLOBAL 5*)

ECON 6, Contemporary Economic Problems (3)

ECON 15, Economic History of the U.S. (3) (*same as HIST 15*)

GLOBAL 5, International Political Economy: Introduction to Global Studies (3) (*same as ECON 5 and POL SC 5*)

HIST 15, Economic History of the U.S. (3) (*same as ECON 15*)

MATH 11, Multivariable Calculus (5)

MATH 13, Linear Algebra (3)

POL SC 5, International Political Economy: Introduction to Global Studies (*same as ECON 5 and GLOBAL 5*)

Education

Programs Offered:

- Transfer Preparation

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation

agreements between SMC and some of these institutions see smc.edu/articulation.

Energy Efficiency

This program is designed to provide formal training for individuals who seek entry into the Energy Services field. Students will learn to conduct energy audits in residential buildings; establish energy efficiency benchmarks for commercial buildings and data center physical infrastructures; and help utilize resources more efficiently by reducing lighting, and lowering heating and cooling energy consumption in building systems and processes.

Students will learn to provide analyses and recommendations that will help suggest alternative energy sources, as well as unconventional lighting, cooling, space heating, and resource management procedures.

Programs Offered:

- Energy Efficiency Specialist Department Certificate (13 units)
- See also Photovoltaic Installation

ENERGY EFFICIENCY SPECIALIST, DEPARTMENT CERTIFICATE

Program Learning Outcomes: Students will be able to identify the salient concerns related to safe and efficient energy use in the built environment and the issues that threaten the ecological conditions on the planet related to energy production and use. Students will be able to explain how a solar cell converts sunlight into electrical power and how power is conditioned for use in buildings. Students will be proficient in conducting an energy utilization index (EUI) analysis. Students will be able to recognize the physical properties that consume or produce energy in residential and commercial energy systems, including HVAC, lighting, and renewable energy systems. Students will be able to apply appropriate regulatory codes when conducting energy efficiency requirements for new and existing buildings, and compliance with new Zero Net Energy (ZNE) code requirements.

Required Courses:

- ENERGY 1, Introduction to Energy Efficiency (3)
- ENERGY 2, Residential Building Science (3)
- ENERGY 3, Commercial Building Science (4)
- PV 11, Introduction to Solar Photovoltaics (3)

Engineering

Engineers apply the theories and principles of science and mathematics to research and develop economical solutions to practical technical problems. Their work is the link between scientific discoveries and commercial applications. Engineers design products, the machinery to build those products, the factories in which those products are made, and the systems that ensure the quality of the product and efficiency of the workforce and manufacturing process. There are a variety of engineering fields: electrical, mechanical, civil, industrial, aeronautical, chemical, materials, nuclear, petroleum and mining engineering.

Programs Offered:

- Transfer Preparation
- Engineering Associate Degree
- Engineering Certificate of Achievement
- Introduction to Engineering Certificate of Achievement

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at *assist.org*.

A listing of private, nonprofit California colleges and universities can be found online at *aiccu.edu*. For articulation agreements between SMC and some of these institutions see *smc.edu/articulation*.

The **University of California system has a transfer pathway** for any UC campus that offers Electrical Engineering and Mechanical Engineering. For more information, visit *pathwaysguide.universityofcalifornia.edu*

Due to the competitive nature of Engineering programs, students are advised to complete as many lower-division courses as possible prior to transfer. Please see a counselor for more information.

To be minimally eligible to transfer to a UC campus, transfer students must complete four (4) general education courses chosen from at least two of the following areas: Arts and Humanities, Social and Behavioral Sciences, Physical and Biological Science, and two composition courses. Please see a Santa Monica College counselor for additional information.

ENGINEERING, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The Engineering program provides students with a fundamental knowledge of engineering and familiarizes them with modern engineering design tools and skills. In addition, students will be prepared for engineering internship opportunities or entry-level industrial jobs, through developing skills in areas such as computer drafting, solid modeling, circuit build and design, and problem solving. Upon completion of this program, students will also have a strong academic foundation in the field and be prepared for upper-division baccalaureate study.

Program Learning Outcomes: Upon completion of the program, students will demonstrate basic knowledge of engineering principles of design and analysis, and exhibit effective communication skills and ethical behavior as shown through their written work, teamwork, and lab work.

Required Mathematics Courses: (10 units)

- MATH 7, Calculus 1 (5)
- MATH 8, Calculus 2 (5)

Select 2 Physics Courses: (10 units)

- PHYSCS 21, Mechanics with Lab (5)
- PHYSCS 22, Electricity and Magnetism with Lab (5)
- PHYSCS 23, Fluids, Waves, Thermodynamics, Optics with Lab (5)

Select 1 Computer Science Course: (3 units)

- CS 30, MATLAB Programming (3)
- CS 50, C Programming (3)

Required Engineering Courses: (5 units)

- ENGR 1, Introduction to Engineering (2)

- ENGR 11, Engineering Graphics and Design (3)

or

- ENGR 21, Circuit Analysis (3)

and

- ENGR 22, Circuit Analysis Lab (1)

Elective Engineering Course: (3 units)

Select 1 course from the following if not used above:

- ENGR 11, Engineering Graphics and Design (3)
- ENGR 12, Statics (3)
- ENGR 16, Dynamics (3)
- ENGR 21, Circuit Analysis (3)

INTRODUCTION TO ENGINEERING, CERTIFICATE OF ACHIEVEMENT

The Engineering Certificate program exposes students to the broad field of engineering and modern engineering design tools and skills. In addition, students will be prepared for engineering internship opportunities, through developing skills in areas such as solid modeling, engineering build and design, and problem solving.

Program Learning Outcomes: Upon completion of the program, students will demonstrate basic knowledge of engineering principles of design and analysis, and exhibit effective communication skills and ethical behavior as shown through their written work, teamwork, and lab work.

Required Mathematics Course: (5 units)

- MATH 7, Calculus 1 (5)

Required Physics Course: (5 units)

- PHYSCS 21, Mechanics with Lab (5)

Required Engineering Course: (2 units)

- ENGR 1, Introduction to Engineering (2)

Elective Engineering Course: (3 units)

- ENGR 11, Engineering Graphics and Design (3)
- ENGR 12, Statics (3)
- ENGR 16, Dynamics (3)
- ENGR 21, Circuit Analysis (3)

English

Students in SMC's English programs develop written and spoken mastery of the English language, creativity of thought, and an appreciation of the language's literature. The English academic and career path can lead to a career in teaching at all levels. Additional careers include advertising copywriter, editor, foreign correspondent, literary agent, media planner, reporter, fundraiser, paralegal, public administrator, speechwriter, information abstractor/information indexer, interpreter, and translator.

Programs Offered:

- Transfer Preparation
- See also Liberal Arts – Arts and Humanities

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers English. For more information, visit pathwaysguide.universityofcalifornia.edu

English as a Second Language (ESL) – Noncredit

The noncredit programs in English as a Second Language are designed to assist ESL learners in developing listening, speaking, reading, and writing skills to communicate effectively in situations they encounter at work, school, and in the community. The Noncredit Certificates of Competency prepare students to progress on a career path of their choice and/or to undertake degree-applicable or non-degree-applicable credit courses. *These Certificates of Competency are not intended as a substitute for any credit certificate or Associate degree.*

Programs Offered:

- Beginning English as a Second Language Certificate of Competency (Noncredit)
- Low Intermediate ESL Certificate of Competency (Noncredit)
- Intermediate English as a Second Language Certificate of Competency (Noncredit)
- Low Advanced ESL Certificate of Competency (Noncredit)
- Advanced English as a Second Language Certificate of Competency (Noncredit)
- ESL for College and Career Pathways Certificate of Competency (Noncredit)

BEGINNING ENGLISH AS A SECOND LANGUAGE, CERTIFICATE OF COMPETENCY (NONCREDIT)

This Noncredit Certificate of Competency in Beginning ESL assists beginning ESL learners in developing basic listening, speaking, reading, and writing skills to communicate in familiar situations they encounter at work, school, and in the community. The Noncredit Certificate of Competency in Beginning ESL prepares students to progress on a career path of their choice and/or to undertake degree-applicable or non-degree-applicable credit courses.

Program Learning Outcomes: Upon completion of the Beginning ESL program, students will demonstrate beginning level competence in English language skills of listen-

ing, speaking, reading, and writing in a variety of contexts. Students will be able to converse appropriately with diverse partners of familiar topics, demonstrate effective study strategies, identify main ideas and key details in short readings on familiar topics, demonstrate the ability to read a note and write a short response, describe familiar people, places, activities and/or possessions using target vocabulary, recount key information from listening passages on familiar topics, and identify the qualities of an effective employee in the American workplace.

Required Course:

ESL 902, English as a Second Language Level 2 (0)

Select 1 of the following courses:

ESL 901, English as a Second Language Level 1 (0)

ESL 911, Beginning Listening and Speaking (0)

ESL 961, Beginning Reading and Writing (0)

ESL 971, Beginning ESL Vocabulary (0)

LOW INTERMEDIATE ESL, CERTIFICATE OF COMPETENCY (NONCREDIT)

This Noncredit Certificate of Competency in Low Intermediate ESL assists low intermediate ESL learners in developing basic listening, speaking, reading, and writing skills to communicate in familiar situations they encounter at work, school, and in the community. The Noncredit Certificate of Competency in Low Intermediate ESL prepares students to progress on a career path of their choice and/or to undertake degree-applicable or non degree-applicable credit courses.

Program Learning Outcomes: Upon completion of the Low Intermediate ESL program, students will demonstrate low intermediate level competence in English language skills of listening, speaking, reading, and writing in a variety of contexts. Students will be able to demonstrate communicative competence by orally reporting factual information on a familiar topic, demonstrate writing proficiency in short form writing describing an activity including details, apply constructive criticism to improve job/school performance, demonstrate effective study strategies, identify main ideas and supporting ideas in informational listening passages, identify effective pre-reading, reading, and post-reading strategies, identify main ideas and supporting details in a text, compose a written text on a topic covered in class that incorporates appropriate target vocabulary.

Required Course:

ESL 903, English as a Second Language Level 3 (0)

Select 1 of the following courses:

ESL 913, Intermediate Listening and Speaking (0)

ESL 963, Intermediate Reading and Writing (0)

ESL 973, Intermediate ESL Vocabulary (0)

INTERMEDIATE ENGLISH AS A SECOND LANGUAGE, CERTIFICATE OF COMPETENCY (NONCREDIT)

This Noncredit Certificate of Competency in Intermediate ESL assists intermediate ESL learners in developing basic listening, speaking, reading, and writing skills to communicate in familiar situations they encounter at work, school, and in the community. The Noncredit Certificate of Competency in Intermediate ESL prepares students to progress on a career path of their choice and/or to undertake degree-applicable or non degree-applicable credit courses.

Program Learning Outcomes: Upon completion of the Intermediate ESL program, students will demonstrate intermediate level competence in English language skills of listening, speaking, reading, and writing in a variety of contexts. Students will be able to show proficiency in oral presentation focused on solving a problem, organize a plan of action (orally or in writing) for short and long-term goals, demonstrate effective study strategies including for learning and practicing new vocabulary, demonstrate listening proficiency by identifying main ideas and supporting ideas in informational listening passages, identify main ideas and supporting details in a text, compose a correctly formatted narrative or informational paragraph, describe a process in writing using appropriate transitions, demonstrate appropriate word choice and word form in written work.

Required Course:

ESL 904, English as a Second Language Level 4 (0)

Select 1 of the following courses:

ESL 903, English as a Second Language Level 3 (0)

ESL 913, Intermediate Listening and Speaking (0)

ESL 963, Intermediate Reading and Writing (0)

ESL 973, Intermediate ESL Vocabulary (0)

LOW ADVANCED ESL, CERTIFICATE OF COMPETENCY (NONCREDIT)

This Noncredit Certificate of Competency in Low Advanced ESL assists low advanced ESL learners in developing effective listening, speaking, reading, and writing skills to communicate in situations they encounter at work, school, and in the community. The Noncredit Certificate of Competency in Low Advanced ESL prepares students to progress on a career path of their choice and/or to undertake degree-applicable or non degree-applicable credit courses.

Program Learning Outcomes: Upon completion of the Low Advanced ESL program, students will demonstrate low advanced level competence in English language skills of listening, speaking, reading, and writing in a variety of contexts. Students will be able to demonstrate listening proficiency by summarizing the main ideas of a workplace or academic presentation, give an oral summary of information acquired aurally, employ effective pre-reading, reading, and post-reading strategies to understand and analyze more complex text, demonstrate writing proficiency in a narrative essay using present past and future tenses, compose a written text that incorporates appropriate academic vocabulary, demonstrate effective study strategies including strategies for acquiring academic vocabulary, demonstrate the ability to contribute as a member of a team.

Required Course:

ESL 905, English as a Second Language Level 5 (0)

Select 1 of the following courses:

ESL 915, Advanced Listening and Speaking (0)

ESL 965, Advanced Reading and Writing (0)

ESL 975, Advanced ESL Vocabulary (0)

ADVANCED ENGLISH AS A SECOND LANGUAGE, CERTIFICATE OF COMPETENCY (NONCREDIT)

This Noncredit Certificate of Competency in Advanced ESL assists advanced ESL learners in developing listening, speaking, reading, and writing skills to communicate effectively in situations they encounter at work, school, and in the community. The Noncredit Certificate of Competency in

Advanced ESL prepares students to progress on a career path of their choice and/or to undertake degree-applicable or non degree-applicable credit courses.

Program Learning Outcomes: Upon completion of the Advanced ESL program, students will demonstrate advanced level competence in English language skills of listening, speaking, reading, and writing in a variety of contexts. Students will be able to demonstrate proficiency in oral presentation with emphasis on comparison, demonstrate the ability to research and write about a problem and its possible solution, demonstrate awareness of the sources of cultural misunderstandings and the ability to demonstrate strategies for effective communication across cultures, demonstrate effective study strategies, demonstrate communicative competence by asking and answering questions in a formal setting, demonstrate listening proficiency by summarizing the main ideas of a workplace or academic presentation, employ effective pre-reading, reading, and post-reading strategies to understand and analyze more complex text, compose correctly formatted multi-paragraph compositions to inform, describe, narrate, and/or persuade, demonstrate awareness of appropriate word choice in a formal oral presentation.

Required Course:

ESL 906, English as a Second Language Level 6 (0)

Select 1 of the following courses:

ESL 905, English as a Second Language Level 5 (0)

ESL 915, Advanced Listening and Speaking (0)

ESL 965, Advanced Reading and Writing (0)

ESL 975, Advanced ESL Vocabulary (0)

ESL FOR COLLEGE AND CAREER PATHWAYS, CERTIFICATE OF COMPETENCY (NONCREDIT)

This Noncredit Certificate of Competency in ESL for College and Career Pathways assists non-native English speakers in developing English language and study skills related to specific academic and career contexts. Students who complete this program are introduced to critical thinking, teamwork, cultural awareness, and autonomous learning strategies that are transferable to college and career.

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge of appropriate workplace communication, discuss experience, qualifications, and skills in a job interview, interact appropriately in a variety of authentic work-related contexts, and demonstrate the ability to research and present about a topic in a specific career or academic field orally or in writing.

Required Courses:

ESL 994, ESL for College and Career Pathways – Introduction (0)

ESL 995, ESL for College and Career Pathways – Effective Communication (0)

Entertainment Technology

See Animation

See Digital Media Post-Production

Environmental Science

The Environmental Science program is an interdisciplinary and multidisciplinary course of study that presents an overview of ecological issues from a scientific perspective. With a broad foundation across the natural sciences, the coursework examines the interrelated nature of environmental and social systems. This program is designed to equip students with the skills and tools to successfully use the scientific method while studying and solving environmental problems.

Programs Offered:

- Transfer Preparation
- Environmental Science Associate Degree
- Environmental Science Certificate of Achievement (40 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

ENVIRONMENTAL SCIENCE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will demonstrate through oral and written work knowledge of the physical, biological, and social sciences required to effectively address current environmental issues, and be prepared to pursue further study in an Environmental Science program (or related field of study) at the baccalaureate level. In addition, students will be proficient in the research, analytical, and communication skills necessary to present a critical analysis of the interplay between natural and social systems, the attitudes and behaviors that impact and affect the environment, and proposed solutions to the myriad environmental challenges facing the world today.

Required Life Science Courses: (13 units)

- BIOL 10, Applied Ecology and Conservation Biology (4)
- BIOL 22, Genetics and Molecular Biology (4)
- BIOL 23, Organismal and Environmental Biology (5)

Required Chemistry Courses: (10 units)

- CHEM 11, General Chemistry I (5)
- CHEM 12, General Chemistry II (5)

Geology and/or Physics Courses; Select 1 of the following courses: (4 units minimum)

- GEOL 4, Physical Geology with Lab (4)
- PHYSICS 6, General Physics 1 with Lab (4)
- PHYSICS 7, General Physics 2 with Lab (4)

- PHYSICS 8, Calculus-based General Physics 1 with Lab (4)
- PHYSICS 9, Calculus-based General Physics 2 with Lab (4)
- PHYSICS 21, Mechanics with Lab (5)
- PHYSICS 22, Electricity and Magnetism with Lab (5)

Required Mathematics Courses: (10 units)

- MATH 7, Calculus 1 (5)
- MATH 8, Calculus 2 (5)

Economics Courses; Select 1 of the following courses: (3 units)

- ECON 1, Principles of Microeconomics (3)
- ECON 2, Principles of Macroeconomics (3)
- ECON 4, Environmental Economics (3) (*same as ENVRN 4*)

Environmental Studies

The Environmental Studies program is an interdisciplinary and multidisciplinary course of study that presents a broad overview of ecological issues from a variety of perspectives. The coursework examines the interplay between natural and social systems, and the ideological foundations of humankind's attitudes and behaviors with respect to their ever-changing environments. This program is designed to prepare students to research, analyze, and propose solutions to the myriad environmental challenges facing the world today.

Programs Offered:

- Transfer Preparation
- Environmental Studies Associate Degree
- Environmental Studies Certificate of Achievement (24 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

ENVIRONMENTAL STUDIES, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will demonstrate through oral and written work a familiarity with both governmental and non-governmental efforts focused on environmental issues and be prepared to pursue further study in an Environmental Studies program (or related field of study) at the baccalaureate level. In addition, students will be proficient in the research, analytical, and communication skills necessary to present a critical analysis of the interplay between natural

and social systems, the attitudes and behaviors that impact and affect the environment, and proposed solutions to the myriad environmental challenges facing the world today.

Required Core Courses: (6 units)

BIOL 9, Environmental Biology (3)
ENVRN 7, Introduction to Environmental Studies (3)
(same as GEOG 7)

or

GEOG 7, Introduction to Environmental Studies (3)
(same as ENVRN 7)

Select 1 course from the following: (3 units)

ENVRN 14, US Environmental History (3) (same as HIST 14)
ENVRN 20, Environmental Ethics (3) (same as PHILOS 20)
ENVRN 22, Environmental Politics and Policies (3) (same as POL SC 22)
ENVRN 32, Global Environmental History (3) (same as HIST 32)
ENVRN 40, Environmental Psychology (3) (same as PSYCH 40)
HIST 14, U.S. Environmental History (3)
HIST 32, Global Environmental History (3)
PHILOS 20, Environmental Ethics (3) (same as ENVRN 20)
POL SC 22, Environmental Politics and Policies (3) (same as ENVRN 22)
PSYCH 40, Environmental Psychology (3) (same as ENVRN 40)

Field Studies/Applied; Select at least 3 units from the following:

BIOLOGY 45A-Z, Field Studies in Natural History (1)
BIOLOGY 46A-Z, Field Studies in Natural History (1)
BOTANY 3, Field Botany (4)
GEOG 20, Introduction to Geographic Information Systems (3) (same as GIS 20)
GEOG 35F, Field Study: California (1)
GEOG 35s, Geography Field Studies (1)
GIS 20, Introduction to Geographic Information Systems (3) (same as GEOG 20)

Ecology/Physical Science/Natural Science; Select at least 3 units from the following:

BIOL 3, Fundamentals of Biology (4)
BIOL 15, Marine Biology with Laboratory (4)
BIOL 15N, Marine Biology (No-Laboratory) (3)
BIOL 21, Cell Biology and Evolution (4)
BOTANY 1, General Botany (4)
CHEM 9, Everyday Chemistry (5)
CHEM 10, Introductory General Chemistry (5)
CHEM 19, Fundamentals of General, Organic, and Biological Chemistry (5)
PHYSICS 6, General Physics 1 with Lab (4)
PHYSICS 8, Calculus-based General Physics 1 with Lab (4)
PHYSICS 14, Introductory Physics with Lab (4)
ZOOLOGY 5, Introductory Zoology (4)

Earth Science: Select at least 3 units from the following:

GEOG 1, Physical Geography (3)
GEOG 3, Weather and Climate (3)
GEOG 5, Physical Geology with Lab (4)
GEOL 1, Physical Geology without Lab (3)
GEOL 3, Introduction to Environmental Geology (3)

GEOL 4, Physical Geology with Lab (4)

GEOL 31, Introduction to Physical Oceanography (3)

Social Science: (6 units required as specified)

GROUP A: Select 1 course from the following:

ECON 1, Principles of Microeconomics (3)
ECON 2, Principles of Macroeconomics (3)
ECON 4, Environmental Economics (3) (same as ENVRN 4)
ENVRN 4, Environmental Economics (3) (same as ECON 4)
POL SC 1, American and California Politics (3)

GROUP B: Select 1 course from the following not used to satisfy other requirements of the program: (3 units)

ANTHRO 2, Cultural Anthropology (3)
BUS 7, Introduction to Sustainability in Business (3)
ENVRN 14, U.S. Environmental History (3) (same as HIST 14)
ENVRN 20, Environmental Ethics (3) (same as PHILOS 20)
ENVRN 22, Environmental Politics and Policies (3) (same as POL SC 22)
ENVRN 32, Global Environmental History (3) (same as HIST 32)
ENVRN 40, Environmental Psychology (3) (same as PSYCH 40)
GEOG 2, Introduction to Human Geography (3)
GEOG 8, Introduction to Urban Studies (3) (same as URBAN 8)
GEOG 11, World Geography: Introduction to Global Studies (3) (same as GLOBAL 11)
GEOG 14, Geography of California (3)
HIST 14, U.S. Environmental History (3)
HIST 32, Global Environmental History (3)
PHILOS 20, Environmental Ethics (3) (same as ENVRN 20)
POL SC 22, Environmental Politics and Policies (3) (same as ENVRN 22)
PSYCH 1, General Psychology (3)
PSYCH 40, Environmental Psychology (3) (same as ENVRN 40)
SOCIOLOGY 1, Introduction to Sociology (3)
SOCIOLOGY 1s, Introduction to Sociology – Service Learning (3)
SOCIOLOGY 2, Social Problems (3)
SOCIOLOGY 2s, Social Problems – Service Learning (3)
URBAN 8, Introduction to Urban Studies (3) (same as GEOG 8)

Ethnic Studies

Programs in Ethnic Studies are designed to help students study different cultures and societies of the world. These programs include the study of the history, politics, religion, languages, and cultures of different areas. The aim of Ethnic Studies programs is to broaden the awareness and understanding of one or more ethnic groups and their contribution to American culture. Ethnic Studies programs are usually interdisciplinary: the historical, cultural, social, political, economic, psychological, and literary patterns and contributions of ethnic groups are studied.

Programs Offered:

- Transfer Preparation

- Ethnic Studies Associate Degree
- Ethnic Studies Certificate of Achievement (21 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

ETHNIC STUDIES, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will demonstrate through oral and written work a familiarity with the social experiences and the contributions of various racial and ethnic groups to US society, and be prepared to pursue further study in an Ethnic Studies program (or related field of study) at the baccalaureate level. In addition, students will be proficient in the research, analytical, and communication skills necessary to present critical analysis regarding racial and ethnic group relations in the US.

Required Core Courses; Select 3 courses from the following:

- ENGL 10, Race and Ethnicity in Literature of the U.S. (3)
- HIST 10, Ethnicity and American Culture (3)
- POL SC 21, Race, Ethnicity, and the Politics of Difference (3)
- SOCIOL 34, Racial and Ethnic Relations in American Society (3)

Arts: Select 1 of the following courses: (3 units)

- AHIS 72, American Art History (3)
- DANCE 2, Dance in American Culture (3)
- MUSIC 33, Jazz in American Culture (3)
- MUSIC 37, Music in American Culture (3)

Inter-Ethnic Studies: Select 1 of the following courses: (3 units)

- ANTHRO 2, Cultural Anthropology (3)
- COM ST 14, Oral Interpretation: Performing Literature Across Cultures (3)
- COM ST 37, Intercultural Communication (3)
- FILM 7, American Cinema: Crossing Cultures (3)
- GEOG 2, Introduction to Human Geography (3)
- GEOG 14, Geography of California (3)
- MEDIA 10, Media, Gender, and Race (3)
- NUTR 7, Food and Culture in America (3)
- SOCIOL 1, Introduction to Sociology (3)
- SOCIOL 1s, Introduction to Sociology–Service Learning (3)

Intra-Ethnic Studies: Select 3 units from 2 different areas: (6 units)

Art:

- AHIS 71, African American Art History (3)

English:

- ENGL 34, Afro-American Literature (3)
- ENGL 41, Introduction to Asian American Literature (3)
- ENGL 53, Latino Literature in the United States (3)
- ENGL 54, Native American Literature (3)

History:

- HIST 16, African-American History (3)
- HIST 41, Native-American History (3)
- HIST 42, The Latina/o Experience in the United States (3)
- HIST 43, Mexican-American History (3)
- HIST 62, Asian-American History (3)

Sociology:

- SOCIOL 30, African Americans in Contemporary Society (3)
- SOCIOL 31, Latinas/os in Contemporary Society (3)
- SOCIOL 32, Asian Americans in Contemporary Society (3)

European Studies

See Modern Languages

Fashion Design and Merchandising

Fashion Design

Fashion design students develop skills in design communication, including preliminary sketching, technical flat sketching, illustration, and usage of Adobe Photoshop, Illustrator and CAD software. Skills in draping, pattern drafting from draping and body measurements, and basic sewing skills to advanced construction are developed in order to create sample garments for production and sales.

Fashion Merchandising

Fashion merchandising students learn and experience each step of the development, promotion, and sales of fashion and lifestyle product lines. Fashion trends are identified and analyzed in order to understand the direction of product development, the positioning in the marketplace, the importance of proper sales representation via visual presentation, advertising, public relations, and social media in the fashion cycle from initial concept to brick-n-mortar and e-commerce sales.

Programs Offered:

- Transfer Preparation
- Fashion Design Associate Degree
- Fashion Merchandising Associate Degree
- Fashion Design Certificate of Achievement (40 units)
- Fashion Merchandising Certificate of Achievement (40 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agree-

ments with the many UC and CSU campuses, as well as several private and out-of-state institutions.

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FASHION DESIGN, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

See recommended course sequence below.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to channel their creativity into marketable fashion and lifestyle product lines, understanding the various design challenges, fit, textile fabrications, cost, sizing, design editing, and aesthetics for various target markets; understand production in wholesale and retail in order to meet consumer needs while creating forward trend directions. Program electives bridge communication with fashion merchandising concepts, ensuring creativity and marketability. Students develop an awareness of art, visual communication, global culture, computer technology, and business in the design process. Additionally, students will have skills pertinent to successfully enter third-year college fashion design programs, translate their internship experiences into positions at small to large-scale design firms, or create their own design line.

FIRST LEVEL COURSES:

- FASHN 1, Introduction to the Fashion Industry (3)
- FASHN 2, Color Analysis (3)
- FASHN 3, Apparel Construction (3)

SECOND LEVEL COURSES:

- FASHN 5, Fashion Buying (3)
- FASHN 6A, Pattern Drafting and Design (2)
- FASHN 7, Fashion Textiles (3)
- FASHN 8, History of Fashion Design (3)

THIRD LEVEL COURSES:

- FASHN 9A, Introduction to Fashion Illustration (3)
- FASHN 10, Advanced Design and Construction (3)
- FASHN 13, Draping I (3)

FOURTH LEVEL COURSES:

- FASHN 12, Fashion Show Production (3)
- FASHN 18, Computer Aided Fashion Design and Merchandising (2)

ELECTIVE COURSES: Select a minimum of 6 units from the list of courses below:

- ACCTG 1, Introduction to Financial Accounting (5)
- ART 10A, Design I (3)
- ART 20B, Drawing II – Drawing with Color (3)
- BUS 21, Merchandising Principles (3)
- BUS 63, Principles of Entrepreneurship (3)
- FASHN 6B, Pattern Drafting and Design Intermediate (3)
- FASHN 9B, Advanced Fashion Illustration and Advertising (2)
- FASHN 11, Advanced Clothing – Tailoring (2)
- FASHN 14, Draping II (3)
- FASHN 15, Ethnic Fashion (3)
- FASHN 16, Pattern Grading (2)

FASHN 17, Apparel Collection Design and Production (3)

FASHN 19, Fashion Marketing (3)

FASHN 20, Fashion Styling and Visual Presentation (3)

FASHN 21, Digital Fashion Portfolio (2)

FASHN 88A, Independent Studies in Fashion (1)

FASHN 88B, Independent Studies in Fashion (2)

FASHN 88C, Independent Studies in Fashion (3)

FASHN 90A, Fashion Internship (1)

FASHN 90B, Fashion Internship (2)

FASHN 90C, Fashion Internship (3)

SUGGESTED COURSE SEQUENCE:

First Year Fall:

- FASHN 1, Introduction to the Fashion Industry (3)
- FASHN 2, Color Analysis (3)
- FASHN 3, Apparel Construction (3)
- Non-fashion elective (3)

First Year Spring:

- FASHN 5, Fashion Buying (3)
- FASHN 6A, Pattern Drafting and Design (2)
- FASHN 7, Fashion Textiles (3)
- FASHN 8, History of Fashion Design (3)

Second Year Fall:

- FASHN 9A, Introduction to Fashion Illustration (3)
- FASHN 10, Advanced Design and Construction (3)
- FASHN 13, Draping I (3)

Second Year Spring:

- FASHN 12, Fashion Show Production (3)
- FASHN 18, Computer Aided Fashion Design and Merchandising (2)
- Fashion elective (3)

FASHION MERCHANDISING, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

See recommended course sequence below.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to analyze and assess the marketable trends in fashion and lifestyle product lines for all target markets; understand the logistics from fashion production to wholesale, retail, and resale; develop pre- and post-promotional activities necessary to launch brands/private labels in order to maintain success in the local and global marketplace; utilize critical thinking in solving design, sales, or promotional issues; have the ability to utilize software applicable to promotional needs, and understand the working relationship between designers and marketers. Additionally, students will have skills pertinent to successfully entering third-year college fashion programs, advancing in management positions, or entering major retail executive buying/ management training programs.

FIRST LEVEL COURSES:

- FASHN 1, Introduction to the Fashion Industry (3)
- FASHN 2, Color Analysis (3)

SECOND LEVEL COURSES:

- FASHN 3, Apparel Construction (3)
- FASHN 5, Fashion Buying (3)
- FASHN 7, Fashion Textiles (3)
- FASHN 8, History of Fashion Design (3)

THIRD LEVEL COURSES:

- BUS 21, Merchandising Principles (3)

- FASHN 18, Computer Aided Fashion Design and Merchandising (2)
 FASHN 20, Fashion Styling and Visual Presentation (3)

FOURTH LEVEL COURSES:

- BUS 23, Principles of Selling (3)
 FASHN 12, Fashion Show Production (3)

ELECTIVE COURSES: *Select a minimum of 8 units from the list of courses below:*

- ACCTG 1, Introduction to Financial Accounting (3)
 ART 10A, Design I (3)
 ART 20B, Drawing II – Drawing with Color (3)
 BUS 25, Advertising Display (3)
 BUS 63, Principles of Entrepreneurship (3)
 FASHN 6A, Pattern Drafting and Design (2)
 FASHN 6B, Pattern Drafting and Design Intermediate (3)
 FASHN 9A, Introduction to Fashion Illustration (3)
 FASHN 9B, Advanced Fashion Illustration and Advertising (2)
 FASHN 10, Advanced Design and Construction (3)
 FASHN 11, Advanced Clothing – Tailoring (2)
 FASHN 13, Draping I (3)
 FASHN 14, Draping II (3) (*prerequisite: FASHN 13*)
 FASHN 15, Ethnic Fashion (3)
 FASHN 16, Pattern Grading (2)
 FASHN 17, Apparel Collection Design and Production (3)
 FASHN 19, Fashion Marketing (3)
 FASHN 21, Digital Fashion Portfolio (2)
 FASHN 88A, Independent Studies in Fashion (1)
 FASHN 88B, Independent Studies in Fashion (2)
 FASHN 88C, Independent Studies in Fashion (3)
 FASHN 90A, Fashion Internship (1)
 FASHN 90B, Fashion Internship (2)
 FASHN 90C, Fashion Internship (3)

SUGGESTED COURSE SEQUENCE:**First Year Fall:**

- FASHN 1, Introduction to the Fashion Industry (3)
 FASHN 2, Color Analysis (3)
 Non-fashion elective (3)

First Year Spring:

- FASHN 3, Apparel Construction (3)
 FASHN 5, Fashion Buying (3)
 FASHN 7, Fashion Textiles (3)
 FASHN 8, History of Fashion Design (3)

Second Year Fall:

- BUS 21, Merchandising Principles (3)
 FASHN 18, Computer Aided Fashion Design and Merchandising (2)
 Fashion elective (3)
 FASHN 20, Fashion Styling and Visual Presentation (3)

Second Year Spring:

- BUS 23, Principles of Selling (3)
 FASHN 12, Fashion Show Production (3)
 Fashion elective (3)

Film Production

The program in Film Production prepares students through hands-on instruction for work in filmmaking/digital video production, which encompasses creative and logistical pro-

duction, directing, editing, cinematography, and audio, as well as techniques for making specific types of films and/or videos, and the planning and management of film/video operations. All of the production classes infuse theory into and through the course products.

Programs Offered:

- Film Production Associate Degree
- Film Production Certificate of Achievement (30-33 units)

FILM PRODUCTION, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will produce film projects of high quality, congruent with films accepted into high-profile film festivals. Students will become proficient in the use of the latest technology, including High Definition (HD) and 4K formats. Students will gain significant exposure to the industry and film professionals and develop a network to support their career in film production.

Foundation Courses: (12 units)

FILM 1, Film Appreciation Introduction to Cinema (3)

or

FILM 2, History of Motion Pictures (3)

FILM 20, Beginning Scriptwriting (3)

FILM 30, Production Planning for Film and Video (3)

FILM 31, Introduction to Digital Filmmaking (3)

Film Production Courses: (6-9 units required)

OPTION 1: *Students who completed courses listed below prior to fall 2014*

FILM 32, Advanced Digital Filmmaking (3)

FILM 33, Directing the Short Film (3)

OPTION 2: *Students who completed courses listed below fall 2014 or later*

FILM 32, Intermediate Digital Filmmaking (3)

and

FILM 32L, Intermediate Digital Filmmaking Lab (1)

and

FILM 33, Making the Short Film (3)

and

FILM 33L, Making the Short Film Lab (2)

or

FILM 34, Advanced Digital Filmmaking (3)

and

FILM 34L, Advanced Digital Filmmaking Lab (1)

Specialized Courses: (6 units required)

DMPOST 3, Digital Video Fundamentals (3) (*formerly ET 31A*)

FILM 40, Cinematography (3)

FILM 50, Production Sound (3)

Elective Courses: (minimum 6 units)

AHIS 11, Art Appreciation: Introduction to Global Visual Culture (3)

DMPOST 2, Digital Audio Fundamentals (3) (*formerly ET 40*)

DMPOST 30, Digital Video Editing (3) (*formerly ET 31B*)

DMPOST 60, Post-Production Studio (3) (*formerly ET 60*)

FILM 7, American Cinema: Crossing Cultures (3)

FILM 21, Advanced Scriptwriting (3)

Film Studies

The Film Studies program introduces students to the history and development of cinema as an art, as an entertainment medium, as an object of philosophical study, and as a cultural and social phenomenon. The program examines film as a “text” which can be studied through diverse critical and theoretical perspectives. Students can enroll in a wide variety of courses in this area, including those in American and international film history, aesthetics and criticism, genre and gender studies, film in relation to society, literature into film, and cross-cultural film studies. Students can take courses in Film Studies to augment their liberal education through the acquisition of aesthetic and critical knowledge, or they may use their studies to gain entry into a wide variety of professions, including teaching, filmmaking, writing, archiving and preservation, advertising, film business and law, and production finance.

Programs Offered:

- Transfer Preparation
- Film Studies Associate Degree

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Film and Media Studies. For more information, visit pathwaysguide.universityofcalifornia.edu

FILM STUDIES, ASSOCIATE DEGREE

Program Learning Outcomes: Upon completion of the program, students will be able to demonstrate critical thinking and aesthetic judgment skills, both verbally and in writing, in the analysis of film as an art form and entertainment medium, utilizing and applying the specialized vocabulary of film studies as it has developed in the academic context and in the film industry. Students will also be able to identify and discuss the major historical developments, both artistic and technological, that have influenced the cinema throughout the 20th century, as well as the social, economic, and cultural factors that have shaped films from different gender and ethnic perspectives, and from domestic and international contexts.

Required Courses:

- FILM 1, Film Appreciation: Introduction to Cinema (3)
- FILM 2, History of the Motion Pictures (3)
- FILM 5, Film and Society (3)

PLEASE NOTE: FILM 1 is intended as a beginning course to introduce students to film studies.

Elective Courses: (minimum of 12 units)

- ANIM 5, History of Animation (3) (formerly ET 61)
- FILM 6, Women in Film (3)
- FILM 7, American Cinema: Crossing Cultures (3)
- FILM 8, The Popular Film Genres (3)
- FILM 9, The Great Film Makers (3)
- FILM 10, Film Criticism and Interpretation (3)
- FILM 11, Literature into Film (3) (formerly same as ENGL 11)
- FILM 20, Beginning Scriptwriting (3)
- FILM 21, Advanced Scriptwriting (3)
- FILM 30, Production Planning for Film and Video (3)
- FILM 31, Introduction to Digital Filmmaking (3)
- FILM 40, Cinematography (3)

French

See *Modern Languages*

General Education

Students planning to transfer to a four-year college or university should complete the general education pattern for the specific transfer institution.

Programs Offered:

- Transfer Preparation
- CSU GE Certificate of Achievement (minimum of 39 units)
- IGETC Certificate of Achievement (minimum of 37 units)

TRANSFER PREPARATION

See “Transfer” section of the catalog

CSU GE, CERTIFICATE OF ACHIEVEMENT

See page 46 for CSU GE Requirements

To earn a CSU GE Certificate of Achievement, at least 50% of the units must be completed at any, or any combination of, California Community College(s). A minimum grade of C (2.0 on a 4.0 scale) is required for all other areas of the CSU GE pattern. The minimum overall GPA on the CSU GE pattern must be a C (2.0 on a 4.0 scale), and complete certification is required to receive a CSU GE Certificate of Achievement.

Students must meet all certification eligibility requirements to qualify for the Certificate of Achievement.

IGETC, CERTIFICATE OF ACHIEVEMENT

See page 41 for IGETC Requirements

To earn the IGETC Certificate of Achievement, at least 50% of the units must be completed at any, or any combination of, California Community College(s). A minimum grade of C (2.0 on a 4.0 scale) is required for each course applied to the IGETC Certificate of Achievement, and complete certification is required to receive an IGETC Certificate of Achievement.

Students must meet all certification eligibility requirements to qualify for the Certificate of Achievement.

General Science

See *Science*

Geographic Information Systems (GIS)

Programs Offered:

- Transfer Preparation
- Geospatial Technology Department Certificate (15 units)

TRANSFER PREPARATION

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A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

CAREER OPPORTUNITIES

Over 80% of data used for decision-making in government, business, and industry has a spatial component (i.e. geospatial data). New areas of rapid growth are in criminal justice, homeland security, marketing, retail site location, resource allocation, banking, healthcare, planning, disease control, insurance, real estate, and disaster preparedness, management, and response. Most local, state, and federal government agencies use geospatial technologies and maintain a staff of GIS technicians, geospatial analysts, and GIS professionals. Geospatial technologies are also commonly used in the private sector by businesses, planners, architects, foresters, geologists, environmental scientists, archaeologists, real estate professionals, marketers, sociologists, and bankers. The expansion of jobs using geospatial technologies is anticipated to continue for many years to come.

GEOSPATIAL TECHNOLOGY, DEPARTMENT CERTIFICATE

Geospatial technologies — including geographic information systems (GIS), remote sensing (RS), global positioning system (GPS), and digital cartography — are used to capture, store, manage, analyze, and visualize geospatial information related to locations on Earth's surface. These technologies are used to combine various types of geospatial information in a digital environment, and are widely used in our daily life, government agencies, and in almost every industry. Through this program, students will develop an understanding of the theoretical underpinnings of geospatial technologies, and gain the skills needed to construct high-quality applications.

PLEASE NOTE: Students must petition the Earth Sciences department to obtain a Department Certificate in Geospatial Technology.

Program Learning Outcomes: Upon completion of the program, students will apply cartographic principles of scale, resolution, projection, and data management to solve a geographic problem using geospatial technologies. Students will demonstrate proficiency in spatial data collection and manipulation, spatial data management, spatial analysis, and spatial modeling using geospatial technologies. Students will also execute an original GIS project under the supervision of a faculty or professional mentor, and demonstrate the ability to communicate project outcomes orally, in writing, and graphically.

Required Courses: (15 units)

GEOG 20, Introduction to Geographic Information Systems (3) (*same as GIS 20*)

GEOG 23, Intermediate Geographic Information System (3) (*same as GIS 23*)

GEOG 25, Introduction to Cartography (3) (*same as GIS 25*)

GEOG 26, Introduction to Remote Sensing (3) (*same as GIS 26*)

GIS 27, Applications in Geographic Information Systems (3)

Geography

Geographers study the distribution of people in relation to land and other natural resources. They examine the distribution of land forms, study climate, soils, or vegetation, analyze resources such as water and minerals, or they may study political organizations, transportation systems, marketing systems, patterns of industrial development, housing, or public health. Additional careers include cartographer, demographer, geographic information specialist, hazardous waste planner, hydrologist, urban planner and environmental impact analyst.

Programs Offered:

- Transfer Preparation
- Geography Associate Degree for Transfer

TRANSFER PREPARATION

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SMC offers the **Geography Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90

quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Geography AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml

GEOGRAPHY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Geography for Transfer (AA-T) involves the understanding of the environment around us and interpretation of the patterns found across the Earth's surface. The course of study allows flexibility in course selection while providing a solid background in human, physical, and regional aspects of the discipline. The degree includes GIS, focusing on the use of geocomputation and digital technology to assess spatial and environmental problems and provide solutions. Throughout the degree, students will acquire and develop knowledge and skills that will equip them to be informed, engaged, and productive global citizens, capable of leading humanity toward a more sustainable and adaptable future.

Program Learning Outcomes: Upon completion of the program, students will demonstrate cartographic literacy, including map interpretation and, using spatial analysis skills, analyze, recognize, and evaluate spatial distributions on all scales from local to global, to become better global citizens. Students will also demonstrate the ability to identify spatial patterns and relationships between systems and cycles that affect life and shape landscapes.

Required Core Courses: (6 units minimum)

GEOG 1, Physical Geography (3)

or

GEOG 5, Physical Geology with Lab (4)

GEOG 2, Introduction to Human Geography (3)

Area A: Select 2 courses from the following: (6 units)

GEOG 3, Weather and Climate (3)

GEOG 11, World Geography: Introduction to Global Studies (3) *(same as GLOBAL 11)*

GEOG 14, Geography of California (3)

GEOG 20, Introduction to Geographic Information Systems (3) *(same as GIS 20)*

GIS 20, Introduction to Geographic Information Systems (3) *(same as GEOG 20)*

GLOBAL 11, World Geography: Introduction to Global Studies (3) *(same as GEOG 11)*

Area B: Select 2 courses from the following: (6 units)

Any course(s) not used in Area A:

ANTHRO 1, Biological Anthropology (3)

or

ANTHRO 5, Biological Anthropology with Lab (4)

ANTHRO 2, Cultural Anthropology (3)

ANTHRO 3, World Archaeology (3)

BIOL 3, Fundamentals of Biology (4)

BOTANY 1, General Botany (4)

or

BOTANY 3, Field Botany (4)

CHEM 11, General Chemistry I (5)

CS 20B, Data Structures with Java (3)

CS 55, Java Programming (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

ENGL 31, Advanced Composition (3)

or

HIST 47, The Practice of History (3)

ENVRN 7, Introduction to Environmental Studies (3)
(same as GEOG 7)

GEOG 7, Introduction to Environmental Studies (3)
(same as ENVRN 7)

GEOG 8, Introduction to Urban Studies (3) *(same as URBAN 8)*

GEOG 10, Living in a Hazardous Environment (3)

GEOG 23, Intermediate Geographic Information Systems (3) *(same as GIS 23)*

GEOG 24, Geospatial Imagery: Maps for the Twenty-First Century (3)

GIS 19, Geographic Information Systems for Business (3)

GIS 23, Intermediate Geographic Information Systems (3) *(same as GEOG 23)*

GEOG 1, Physical Geology without Lab (3)

or

GEOG 4, Physical Geology with Lab (4)

MATH 2, Precalculus (5)

MATH 7, Calculus 1 (5)

MATH 8, Calculus 2 (5)

MATH 54, Elementary Statistics (4)

PHYSICS 8, Calculus-based General Physics 1 with Lab (4)

URBAN 8, Introduction to Urban Studies (3) *(same as GEOG 8)*

Geology

Geologists study the origin, history, composition, and structure of the earth, both for scientific knowledge and for practical purposes such as locating oil, minerals, and other raw materials; and for compiling architectural safety reports, maps, and diagrams. They use knowledge of chemistry, physics, math, and biology, to analyze the data and specimens. Some possible career choices are found in the environmental consulting industry, pollution remediation, public policy and environmental law. Career titles include meteorologist, oceanographer, seismologist, soil scientist, structural geologist and teacher.

Programs Offered:

- Transfer Preparation
- See also Science: General Science
- Career Opportunities

TRANSFER PREPARATION

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major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

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CAREER OPPORTUNITIES

Over 80% of data used for decision-making in government, business, and industry has a spatial component (i.e. geospatial data). New areas of rapid growth are in criminal justice, homeland security, marketing, retail site location, resource allocation, banking, healthcare, planning, disease control, insurance, real estate, and disaster preparedness, management, and response. Most local, state, and federal government agencies use geospatial technologies and maintain a staff of GIS technicians, geospatial analysts, and GIS professionals. Geospatial technologies are also commonly used in the private sector by businesses, planners, architects, foresters, geologists, environmental scientists, archaeologists, real estate professionals, marketers, sociologists, and bankers. The expansion of jobs using geospatial technologies is anticipated to continue for many years to come.

German

See *Modern Languages*

Global Studies

Global Studies is a multi- and interdisciplinary program designed to increase knowledge and understanding of the processes of globalization and their impacts on societies, cultures, and environments around the world. The Global Studies program provides the student with a knowledge of critical issues that affect their lives and community, as well as the affairs of other cultures, societies, and nations. An understanding of the world's social, political, economic, and natural systems and their increasing interdependence, along with an appreciation of the diversity of human culture, will supply the student with a strong background for working in a global economy, for living in a multicultural society, and for making intelligent decisions as global citizens.

The goal of the program is to prepare students for further work in international studies and work affairs through the study of other cultures, world history, political and economic systems, world geography and environment, cross-cultural communication and conflict resolution, and modern languages. The Global Studies program is designed to encourage students to become "global thinkers." They learn how to relate their knowledge of a particular part of the world to the larger trends and issues that affect all societies: the transnational interactions of peoples, cultures, economies, and politics; the globalizing processes of the communication media; technological and environmental changes; law and human rights; the sometimes violent political, ethnic and religious responses to what is perceived

as cultural and economic homogenization on a global scale; and the search for a just, sustainable and peaceful world.

Programs Offered:

- Transfer Preparation
- Global Studies Associate Degree
- Global Studies Certificate of Achievement (21 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

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A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

GLOBAL STUDIES, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcome: Upon completion of the program, students will possess an increased understanding of the world's social, political, economic and natural systems and their increasing interdependence, as well as an appreciation of the diversity of human culture, which in turn will enable them to better work in the global economy, live in a multicultural society, and make intelligent decision as global citizens. Through the subject matter and activities presented in each course in the Global Studies program, students will be able to:

1. Analyze major global challenges from a multi- and interdisciplinary perspective;
2. Identify varying worldviews on the same issues, events, and occurrences;
3. Differentiate multiple perspectives on globalization and their effects on decision-making and behavior (and the individual, community, and national levels);
4. Explain how/why the environmental well-being of the world demands personal and collective responsibility at both the local and global levels;
5. Describe core civic/citizenship values which generate socially responsible behavior at both local and global levels;
6. Explain the interconnectedness of global decisions and events; and
7. Analyze the interdependence among people, groups, societies, governments, and nations in finding solutions to current global problems and conflicts.

Required Core Courses: (9 units)

ECON 5, International Political Economy: Introduction to Global Studies (3) (*same as GLOBAL 5 and POL SC 5*)

or

GLOBAL 5, International Political Economy:

Introduction to Global Studies (3) (*same as ECON 5 and POL SC 5*)

or

POL SC 5, International Political Economy: Introduction to Global Studies (3) (*same as ECON 5 and GLOBAL 5*)

GLOBAL 10, Global Issues (3)

GEOG 11, World Geography: Introduction to Global Studies (3) (*same as GLOBAL 11*)

or

GLOBAL 11, World Geography: Introduction to Global Studies (3) (*same as GEOG 11*)

Culture and Society: (3 units)

ANTHRO 2, Cultural Anthropology (3)

ANTHRO 3, World Archaeology (3)

ANTHRO 7, Introduction to Linguistic Anthropology (3)

ANTHRO 14, Sex, Gender, and Culture (3)

ANTHRO 19, The Culture of Food (3)

ANTHRO 21, Peoples and Power in Latin America (3)

ASTRON 6, Archeoastronomy (3)

COM ST 37, Intercultural Communication (3)

ENVRN 7, Introduction to Environmental Studies (*same as GEOG 7*)

ENVRN 20, Environmental Ethics (*same as PHILOS 20*)

ENVRN 22, Environmental Politics and Policies (3) (*same as POL SC 22*)

ENVRN 40, Environmental Psychology (3) (*same as PSYCH 40*)

FASHN 15, Ethnic Fashion (3)

GEOG 2, Introduction to Human Geography (3)

GEOG 7, Introduction to Environmental Studies (*same as ENVRN 7*)

GEOG 8, Introduction to Urban Studies (3) (*same as URBAN 8*)

GLOBAL 3, Global Media (3) (*same as MEDIA 3*)

LING 1, Introduction to Linguistics (3)

MEDIA 3, Global Media (3) (*same as GLOBAL 3*)

PHILOS 20, Environmental Ethics (*same as ENVRN 20*)

POL SC 22, Environmental Politics and Policies (3) (*same as ENVRN 22*)

PSYCH 40, Environmental Psychology (3) (*same as ENVRN 40*)

SOCIOL 1, Introduction to Sociology (3)

SOCIOL 1s, Introduction to Sociology – Service Learning (3)

WGS 20, Gender, Feminisms, and Social Movements: A Global Approach (3) (*formerly WOM ST 20*)

Governance and Conflict: (3 units)

PHILOS 48, Nonviolent Resistance (3)

POL SC 2, Comparative Government and Politics (3)

POL SC 3, Introduction to Politics: Justice, Power and Agency (3)

POL SC 7, International Politics (3)

POL SC 11, World Affairs and the United Nations (3)

POL SC 47, International Politics Seminar (3)

PHILOS 51, Political Philosophy (3) (*same as POL SC 51*)

PHILOS 52, Modern Political Thought (3) (*same as POL SC 52*)

Markets and Economies: (3 units)

BUS 50, Introduction to International Business (3)

BUS 52, International Marketing (3)

BUS 53, Importing and Exporting (3)

BUS 54, International Management (3)

BUS 55, Southern California's International Connections and Blue/Ocean Economy (3)

ECON 1, Principles of Microeconomics (3)

ECON 2, Principles of Macroeconomics (3)

World History/Area Studies: Select at least 3 units from the following:

AHIS 3, Global Art History Since 1860 (3)

AHIS 5, Latin American Art History 1 (3)

AHIS 6, Latin American Art History 2 (3)

AHIS 11, Art Appreciation: Introduction to Global Visual Culture (3)

AHIS 15, Mexican Art History (3)

AHIS 17, Arts of Asia (3)

AHIS 18, Introduction to African Art History (3)

AHIS 22, Architectural History and Theory – 1850 to Present (3)

DANCE 5, Dance History (3)

DANCE 20, World Dance Survey (2)

DANCE 21A, Beginning Asian Pacific Dance (2) (*formerly DANCE 21*)

DANCE 23, Intermediate Mexican Dance (2)

DANCE 24, Flamenco Dance 1 (2)

DANCE 25, African Dance (2)

DANCE 27, Brazilian Dance (2)

DANCE 29, Middle Eastern/North African Dance (2)

ENGL 32, History and Literature of Contemporary Africa (3) (*formerly same as HIST 30*)

ENGL 40, Asian Literature (3)

ENGL 45, Asian Film, Literature, and Society (3)

ENGL 49, Asian Mythology (3)

ENGL 56, 20th Century European Literature (3)

ENGL 58, Literature of Mexico (3)

ENVRN 32, Global Environmental History (3) (*same as HIST 32*)

HIST 2, History of Western Civilization II (3)

HIST 4, British Civilization II (3)

HIST 6, History of Latin America 2 (3)

HIST 19, History of Mexico (3)

HIST 21, History of Russia (3)

HIST 22, History of the Middle East (3)

HIST 25, History of East Asia Since 1600 (3)

HIST 27, History of Southeast Asia (3)

HIST 28, Modern Europe: 1914 to the Present (3)

HIST 29, Jewish History (3)

HIST 32, Global Environmental History (3) (*same as ENVRN 32*)

HIST 34, World Civilizations II (3)

HIST 39, African History II (3)

HIST 41, Native-American History (3)

HIST 53, The History of Religion (3)

HUM 9A, South Asia: Culture and Civilization (3)

HUM 28s, Contemporary Life in China (2)

JAPAN 9, Japan: Culture and Civilization (3)

MUSIC 29, A World of Music (3)

MUSIC 31, Music History II (3)

PHILOS 4, Modern Philosophers (3)

PHILOS 22, Asian Philosophy (3)

PHILOS 23, Philosophy of Religion (3)

POL SC 14, Middle East Government and Politics (3)

SPAN 20, Latin American Civilization (3)

Foreign Language Requirement (same as IGETC Area 6)

The Foreign Language requirement can be met by completion of the IGETC Area 6A. For detailed information, see the IGETC information on page 44.

Graphic Design

Graphic Design program is a comprehensive study of the knowledge, skills, and competencies necessary to research, conceptualize, prototype and implement all aspects of graphic design projects in a variety of modern visual communication media.

Programs Offered:

- Transfer Preparation
- Graphic Design Associate Degree
- Graphic Design Certificate of Achievement (36 units)
- User Experience Design Essentials Certificate of Achievement (12 units)
- Web Design Essentials Certificate of Achievement (12 units)
- See also Interaction Design

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

GRAPHIC DESIGN, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The required coursework begins with the first semester focused on Design Technologies, during which students learn the foundations of the design toolset, including the history of its development, its modern applications, and the skills required to use those tools in their own projects. The second semester focuses on a wide set of Design Methodologies currently in use in the design industry. Students start exploring web and digital design as possible media for their work. The third semester is focused on designing for User Experience and allows students to practice a more holistic approach to their designs, taking into consideration the medium, the goals, the needs of the target audience, and the implications to all stakeholders. The fourth and final semester is centered around Professional Practices. Students will learn how to work collaboratively on real-world design challenges, manage their design practice, and showcase their skills in a portfolio. The main goal of the program is to prepare students for the next step in their design career, whether it is an entry-level design position or a transfer to continue their studies.

Program Learning Outcomes: Upon completion of the program, students will be able to effectively apply appropriate skills and methodologies to all stages of a visual design project, and develop an effective portfolio for transfer or entry-level employment in the design and visual communication industry.

Required Courses: (36 units)

DESIGN 11, Design Foundations (3) (formerly GR DES 31)
 DESIGN 12, Typography 1 (3) (formerly GR DES 33)
 DESIGN 13, Digital Design Tools (3) (formerly GR DES 18)
 DESIGN 21, Design Methods (3)
 DESIGN 22, Typography 2 (3) (formerly GR DES 43)
 DESIGN 23, User Experience Design 1 (3) (formerly GR DES 61)
 DESIGN 31, Interactive Advertising (3)
 DESIGN 32, Communication Design (3)
 DESIGN 33, User Experience Design 2 (3) (formerly GR DES 62)
 DESIGN 41, Industry Project (3)
 DESIGN 42, Information Design (3)
 DESIGN 43, Design Portfolio (3) (formerly GR DES 67)

USER EXPERIENCE DESIGN ESSENTIALS, CERTIFICATE OF ACHIEVEMENT

User Experience (UX) Design prioritizes the needs and wants of the user. The UX designer's goal is to create useful, meaningful, and ethical/sustainable interactions with a product, service, or design. This certificate of achievement will provide an overview of the design process and tools used within the UX field, with a specific focus on mobile or web-based solutions. Students will collaborate to research, critique, and design a real-world project or projects to present to stakeholders. Project outcomes may also be equally diverse, with projects ranging from interactive campaigns to speculative prototypes.

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge of principles, methods, and tools of User Experience design, and the ability to effectively incorporate them in their design work.

Required Courses: (12 units)

DESIGN 13, Digital Design Tools (3) (formerly GR DES 18)
 DESIGN 23, User Experience Design 1 (3) (formerly GR DES 61)
 DESIGN 33, User Experience Design 2 (3) (formerly GR DES 62)
 GR DES 75, Mobile Design 1 (3)

WEB DESIGN ESSENTIALS, CERTIFICATE OF ACHIEVEMENT

A web designer works to shape the visual and interactive aspects of a user's experience of a website, web application, or mobile app. They work closely with web developers and content creators. In this certificate, students will learn necessary web design skills including application of color theory, typography, layouts, images and graphics, and other elements of design systems. Students will outline user behaviors and interactions, and create portfolio-ready websites for various purposes.

Program Learning Outcomes: Upon completion of the program, students will demonstrate an understanding of the web as a medium of visual communication, and the skills necessary to apply graphic design principles to the interactive web-based media.

Required Courses: (12 units)

DESIGN 24, Web Design 1 (3) (formerly GR DES 65)
 DESIGN 34, Web Design 2 (3) (formerly GR DES 66)

DESIGN 44, Web Design 3 (3) (formerly GR DES 67)
GR DES 75, Mobile Design 1 (3)

Health Education

See *Kinesiology/Physical Education*

See *Nursing*

See *Occupational Therapy*

See *Respiratory Care*

Health Education – Noncredit

Programs Offered:

- Home Health Aide Pre-Certification Program Certificate of Completion (Noncredit)
- Introduction to Working with Older Adults Certificate of Completion (Noncredit)
- Nursing Assistant Pre-Certification Training Program Certificate of Completion (Noncredit)
- Rehabilitation Therapy Aide Certificate of Completion (Noncredit)

HOME HEALTH AIDE PRE-CERTIFICATION PROGRAM, CERTIFICATE OF COMPLETION (NONCREDIT)

The Home Health Aide Pre-Certification Program is designed to develop the skills needed to succeed in college and prepare for a career as a certified home health aide. The 54-hour curriculum prepares students to build upon the knowledge, skills and abilities of a nurse assistant to work as entry-level home health aides caring for patients in home health and hospice settings. The courses consist of 5 lecture and 5 lab modules, as required by the California Department of Public Health, which focus on essential aspects of patient care, such as medical and social needs of people being served in the home setting.

Program Learning Outcomes: Upon completion of the program, students will demonstrate competency in the knowledge, skills, and abilities essential for home health aides working as a member of the healthcare team by providing safe, quality care, communicating effectively, incorporating legal and ethical values, and assisting patients in attaining and maintaining maximum functional independence.

Required Courses: (54 hours)

HEALTH 987, Home Health Aide Pre-Certification Foundational Training (27 hours)

HEALTH 988, Home Health Aide Pre-Certification Training Clinical Lab (27 hours)

INTRODUCTION TO WORKING WITH OLDER ADULTS, CERTIFICATE OF COMPLETION (NONCREDIT)

This noncredit program prepares students for entry-level careers working with older adults in the field of Gerontology. Students completing the Introduction to Working with Older Adults Certificate of Completion may qualify for entry into high demand occupations such as caregivers, companions, resident care providers, direct support professionals, and other services for the elderly and persons with disabilities. This program meets the requirements for the

State of California Senior Caregiver Training. This program is not intended as a substitute for any credit certificate or associate degree.

Program Learning Outcomes: Upon completion of the program, students will demonstrate competency in providing non-medical care to older adults; discuss the physiological, psychological and sociological changes associated with aging; apply effective communication skills and processes in relating to older adults with dementia or disabilities; and articulate how healthy behaviors and lifestyle choices lead to wellness in older adults.

Required Courses:

HEALTH 905, Providing Care to Older Adults (0)

HEALTH 906, Communication with Older Adults (0)

HEALTH 907, Wellness in Older Adults (0)

NURSE ASSISTANT PRE-CERTIFICATION TRAINING PROGRAM, CERTIFICATE OF COMPLETION (NONCREDIT)

The Nurse Assistant Pre-Certification Program is designed to develop skills needed to succeed in college and prepare for a career as a certified nurse assistant and home health aide. The 180-hour curriculum prepares students to achieve the knowledge, skills, and abilities essential to work as entry-level nurse assistants caring for patients in hospitals, assisted living, and long-term care settings. The courses consist of 17 lecture and 17 lab modules, as required by the California Department of Public Health, which focus on essential aspects of patient care, such as patients' rights, body mechanics, taking vital signs, rehabilitative nursing, and more.

Program Learning Outcomes: Upon completion of the program, students will demonstrate competency in the knowledge, skills, and abilities essential for nurse assistants working as a member of the healthcare team providing safe, quality care, communicating effectively, incorporating legal and ethical values, and assisting patients in attaining and maintaining maximum functional independence.

Required Courses: (180 Hours)

HEALTH 985, Nurse Assistant Pre-Certification Foundational Training (72 hours)

HEALTH 986, Nurse Assistant Pre-Certification Foundational Clinical Training Lab (108 hours)

REHABILITATION THERAPY AIDE, CERTIFICATE OF COMPLETION (NONCREDIT)

The Certificate of Completion introduces students to the field and practice of rehabilitation therapy, including occupational, physical and speech therapy. Students learn the essential job duties and responsibilities of a rehabilitation aide, and experience clinical hands-on practice with the equipment, machines and tools. The students explore the history, ethics and common muscular anatomy, diagnoses and associated precautions, and body mechanic and movement terms used in these health care fields.

Program Learning Outcomes: Upon completion of this program, students will be able to:

1. Differentiate among the varying roles of a rehabilitation aide, assistant and therapist;
2. Demonstrate competency in basic medical office ethics and common practices;

3. Give examples of diagnoses, injuries and disabilities, and their associated precautions, commonly encountered in a rehabilitation therapy setting;
4. Use common rehabilitation therapy terminology;
5. Identify and locate some of the major muscle groups of the human body;
6. Recognize proper muscle movement and body mechanics along the various planes of the body;
7. Lift, maintain and clean equipment, machines and tools commonly used in rehabilitation therapy settings;
8. Recognize some modalities used in rehabilitation settings and distinguish an aide's role in helping patients with those modalities; and
9. Learn and become CPR, AED, and First Aid certified in accordance with the American Red Cross guidelines.

Required Courses:

- HEALTH 900 Introduction to the Career of a Rehabilitation Therapy Aide (0)
 HEALTH 902 Clinical Practice for a Rehabilitation Therapy Aide (0)
 HEALTH 904 Kinesiology for a Rehabilitation Therapy Aide (0)

Hebrew

See *Modern Languages*

History

Historians study, assess, and interpret the past to determine what happened and why. They examine court documents, diaries, letters, and newspaper accounts; they conduct research, write, teach, evaluate and make recommendations. Schools, universities, libraries, museums, government offices, and private enterprise are some of the job settings for history majors. Some related career titles include archivist, biographer, congressional aide, Foreign Service officer, FBI/CIA agent, lobbyist, and genealogist agent.

Programs Offered:

- Transfer Preparation
- History Associate Degree for Transfer
- See also Liberal Arts – Social and Behavioral Sciences

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers History. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the **History Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the History AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/ad-search/search.shtml

HISTORY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in History for Transfer (AA-T) involves the critical examination of historical material, including primary sources, attending to such concepts as historical agency, context, perspective, and multi-causation. Through the course of study students gain an understanding of history as a discipline characterized by the application of critical analysis to factual evidence. The courses address the value of historical study for understanding change and continuity over time.

Upon completion of the Associate in Arts in History for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into history or similar majors for many campuses in the California State University system.

Program Learning Outcomes: Upon completion of the program, students will demonstrate, through written and oral academic work, critical examination of historical material, including primary sources, attending to such concepts as historical agency, context, perspective, and multi-causation. Students will further demonstrate an understanding of history as a discipline characterized by the application of critical analysis to factual evidence.

Required Core US History Courses: (6 units)

- HIST 11, History of the United States Through Reconstruction (3)
 HIST 12, The United States History Since Reconstruction (3)

World History Courses; Select 1 pair of courses from the following: (6 units)

- HIST 1, History of Western Civilization I (3)
or
 HIST 33, World Civilizations I (3)

 HIST 2, History of Western Civilization II (3)
or
 HIST 34, World Civilizations II (3)

AREA 1: Select 1 course from the following: (3 units)

- AHIS 15, 17, 18, 71, 72; ANTHRO 20, 21; ARABIC 1; ASL 1, 2; CHNESE 1, 2, 3, 4, 9; COM ST 14, 37; DANCE 2; ECE 11; ECON 5 (same as GLOBAL 5 and POL SC 5); ENGL 9, 10, 32, 39, 40, 41, 45, 53, 54, 57, 58; ENVRN 32 (same as HIST 32); FILM 6, 7; FRENCH 1, 2, 3, 4; GEOG 11 (same as GLOBAL 11), 14; GERMAN 1, 2, 3, 4; GLOBAL 5 (same as ECON 5 and POL SC 5), 11 (same as GEOG

11); HEBREW 1, 2, 8; HIST 5, 6, 10, 16, 19, 21, 22, 24, 25, 26, 29, 32, 33 (*if not used above*), 34 (*if not used above*), 38, 39, 41, 42, 43, 53, 62; ITAL 1, 2, 3; JAPAN 1, 2, 3, 4; KOREAN 1, 2, 3, 4; MEDIA 10; MUSIC 37; NUTR 7; PERSIN 1, 2; PHILOS 22, 23; POL SC 5 (*same as ECON 5 and GLOBAL 5*), 7, 8, 11, 14, 21; RUSS 1, 2; SOCIO 30, 31, 32, 34; SPAN 1, 2, 3, 4, 9, 11, 12, 20; TURK 1; WGS 10, 20, 30

AREA 2: Select 1 course not already completed above: (3 units)

AHIS 1, 2, 3, 21, 22, 52 (*same as PHOTO 52*); ANTHRO 2, 3, 7, 19; ECON 1, 2, 5 (*same as GLOBAL 5 and POL SC 5*), 15 (*same as HIST 15*); ENVRN 7 (*same as GEOG 7*), 14 (*same as HIST 14*), 32 (*same as HIST 32*); GEOG 2, 7 (*same as ENVRN 7*), 8 (*same as URBAN 8*), 11 (*same as GLOBAL 11*); GLOBAL 5 (*same as ECON 5 and POL SC 5*), 10, 11 (*same as GEOG 11*); HIST 1 (*if not used above*), 2 (*if not used above*), 3, 4, 5, 6, 10, 13, 14 (*same as ENVRN 14*), 15 (*same as ECON 15*), 16, 19, 20, 21, 22, 24, 25, 26, 27, 28, 29, 32 (*same as ENVRN 32*) (*if not used above*), 33, 34 (*if not used above*), 38, 39, 41, 42, 43, 47, 52, 53, 55, 62; MEDIA 1, 10; MUSIC 33, 36; NUTR 7; PHILOS 48 (*formerly same as HIST 48*); PHOTO 52 (*same as AHIS 52*); POL SC 1, 3 5 (*same as ECON 5 and GLOBAL 5*); PSYCH 1; SOCIO 1, 1s, 2, 2s; URBAN 8 (*same as GEOG 8*); WGS 10 (*formerly WOM ST 10*)

Interaction Design (IxD)

Interaction Design blends the fields of design and technology, with a focus on ensuring that products are appealing, effective, and intuitive for their users. Interaction designers work closely with programmers to create smart objects and systems that optimize the user experience. There is strong demand for more interaction designers in today's high-technology industries.

Selected to participate in the pilot California Community College Baccalaureate degree program, Santa Monica College now offers courses that meet the requirements for its new Bachelor of Science (BS) degree in the field of Interaction Design. This degree will provide students with the skills necessary to enter this well-paying and exciting field. Students interested in the Bachelor of Science degree in Interaction Design should visit smcixd.org for more information and to sign up for email updates about the program.

Program Offered:

- Interaction Design Bachelor Degree
- See also Graphic Design

INTERACTION DESIGN, BACHELOR OF SCIENCE DEGREE

The Interaction Design Bachelor of Science degree program blends the fields of design, user experience (UX), and technology. The proliferation of innovations — from mobile apps, medical devices, and wearable technology, to connected appliances and self-driving cars — is creating strong demand for a new breed of designer who understands the user and employs a user-centered approach. The success of a new product or service in the competitive, fast-paced world of high technology hinges upon the quality of the user's first experience with the product. Interaction Designers ensure that products and services are appeal-

ing, effective, and intuitive for their users by designing the behavior, organization, and aesthetics of the system to create successful end-to-end experiences. *This is a four-year program with the lower-division Graphic Design courses providing students with the skills necessary to enter the upper-division courses in this field.*

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge of Interaction Design/User Experience Design history, practices, methodologies, tools, and project-based processes in designing for the user. Graduates will utilize human-centered design principles, user-testing outcomes, and ethnographic research insights, and will employ critical thinking, sketching, and iterative processes to define, develop, conceptualize, and solve problems. They will design and prototype correct affordances, interaction paradigms, and patterns for a range of platforms including web, mobile, and tangible systems. They will also collaborate effectively with customers and clients, and in team projects, brainstorming sessions, and in-class critiques. They will exhibit proficient visual, verbal, and written communication skills, particularly presentation skills necessary in the design industry. Students are required to complete a total of 120 units of lower-division and upper-division courses for the bachelor's degree.

Lower-Division Preparation for the IxD Program. (These courses, or equivalent, are required prior to enrollment in the IxD courses. SMC has several articulation agreements with other institutions for these courses. Details available at smc.edu/IDTransferAgreements.)

The following courses will prepare you to apply for the IxD B.S. and help you develop your portfolio.

DESIGN 11 Design Foundations (3) (*formerly GR DES 31*)

DESIGN 12 Typography 1 (3) (*formerly GR DES 33*)

DESIGN 13 Digital Design Tools (3) (*formerly GR DES 18*)

DESIGN 21 Design Methods (3)

DESIGN 22 Typography 2 (3) (*formerly GR DES 43*)

DESIGN 23 User Experience Design 1 (3) (*formerly GR DES 61*)

DESIGN 31 Interactive Advertising (3)

DESIGN 32 Communication Design (3)

DESIGN 33 User Experience Design 2 (3) (*formerly GR DES 62*)

DESIGN 41 Industry Project (3)

DESIGN 42 Information Design (3)

DESIGN 43 Design Portfolio (3) (*formerly GR DES 67*)

Required Lower-Division Courses (25 units):

AHIS 3, Global Art History Since 1860 (3)

or

AHIS (any AHIS course satisfies requirement; AHIS 3 highly recommended) (3)

BUS 20, Principles of Marketing (3)

or

BUS 63, Principles of Entrepreneurship (3)

COM ST 16, Fundamentals of Small Group Discussion (3) (*if taken fall 2016 or prior*)

or

MEDIA 4, Introduction to Game Studies (3)

CIS 54, Web Development and Scripting (3)

or

CIS 87A Python Programming (3)

or

CS 7 Programming for Non-Computer Science Majors (3)

ENGL 1, Reading and Composition 1 (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

MATH 54, Elementary Statistics (4)

PSYCH 1, General Psychology (3)

Upper-Division Major Requirements (31 units):

IXD 310, Interaction Design Studio 1 (3)

IXD 330, Interaction Design Studio 2 (3)

IXD 350, Interactive Storytelling (3)

IXD 360, Product Design (3)

IXD 370, Design for Community Change (3)

IXD 410, Project Management for Design (2)

IXD 430, Interaction Design Studio 3 (3)

IXD 450, Interaction Design Portfolio (2)

IXD 460, Tangible Interaction (3)

IXD 470, Interaction Design Senior Studio (3)

IXD 480, Design for the Future (3)

Upper-Division General Education (9 units):

COM ST 310, Organizational and Small Group Communication (3)

ENGL 300, Advanced Writing and Critical Thinking in the Disciplines (3)

PSYCH 320, Cognitive Psychology (3)

Optional Internship or Independent Study

DESIGN 90A, Internship (1)

DESIGN 90B, Internship (2)

DESIGN 90C, Internship (3)

IXD 481, Independent Studies in Interaction Design (1)

IXD 482, Independent Studies in Interaction Design (2)

IXD 483, Independent Studies in Interaction Design (3)

Interior Architectural Design

This program provides a thorough and analytical foundation of the Interior Architectural Design field that will enable students to practice professionally and serve their community with safe, functional, and sustainable interior spaces. Innovative design, critical analysis, and communication skills are developed in drawing, writing, modeling, and collaboration. Students completing the AS degree may apply for transfer to a University program in Interior Architecture or Environmental Design or obtain an entry level position in the same fields.

Note: in addition to meeting academic requirements for admittance into a university, Interior Architectural Design Programs also require prospective students to submit a portfolio to review for admittance into the program. It is recommended that students make an appointment with counselors at the institution of their choice to inquire about requirements.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

See the Interior Architectural Design Program website (smc.edu/iarc) for additional information.

Programs Offered:

- Transfer Preparation
- Interior Architectural Design Associate Degree
- Interior Architectural Design Certificate of Achievement (40 units)
- Interior Architectural Design Fundamentals Certificate of Achievement (18 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

INTERIOR ARCHITECTURAL DESIGN, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to research and analyze critical concepts of design and human interaction within the built environment, understand Interior designer's role in society, develop environmentally responsible designs, and communicate design concepts through drawing, writing, modeling, and collaboration. Students will develop a portfolio of work displaying design and technical skills to apply as an entry level Interior architectural designer or drafter, or to transfer to a university.

Required Core Courses: (40 units)

AHIS 21, Architectural History: Ancient to 1850 (3)

AHIS 22*, Architectural History and Theory – 1850 to Present (3)

ARC 10, Studio 1 (3) (formerly INTARC 34B)

ARC 11, Design Communication 1 (3) (formerly INTARC 28B/INTARC 29)

ARC 20, Studio 2: Architecture (3)

or

IARC 20, Studio 2: Interior Architecture (3) (formerly INTARC 31)

ARC 21, Design Communication 2 (3) (formerly INTARC 28A/INTARC 35)

ARC 31, Design Communication 3 (3) (formerly INTARC 38)

ARC 70, Portfolio (1)

IARC 15, 2D Color Theory (3) (formerly INTARC 34)

IARC 25, Materials and Products for Interior Architectural Design (3) (formerly INTARC 36)

IARC 30, Studio 3: Interior Architecture (3) (formerly INTARC 40)

IARC 35, Fundamentals of Lighting (3) (formerly INTARC 44)

IARC 40, Studio 4: Interior Architecture (3) (formerly INTARC 45)

IARC 45, Building Systems and Codes (3) (formerly INTARC 50)

Note: *Students who you plan to transfer to SFSU, may petition after transfer to use AHIS 22 in lieu of SFSU ARTH 202.

INTERIOR ARCHITECTURAL DESIGN FUNDAMENTALS, CERTIFICATE OF ACHIEVEMENT

This program provides a series of foundation courses in Architecture and Interior Architectural Design. Students will gain a broad overview and acquire fundamental skills needed in the design profession. This would be the first of two tier stackable certificate program specializing in Interiors or Architectural Design.

Program Learning Outcomes: Upon completion of the program, students will gain a broad overview and acquire fundamental skills needed in the Interior and Architectural design profession.

Required Courses: (18 units)

ARC 10, Studio 1 (3) (formerly INTARC 34B)

ARC 11, Design Communication 1 (3) (formerly INTARC 28B/INTARC 29)

ARC 20, Studio 2: Architecture (3)

or

IARC 20, Studio 2: Interior Architecture (3) (formerly INTARC 31)

ARC 21, Design Communication 2 (3) (formerly INTARC 28A/INTARC 35)

IARC 15, 2D Color Theory (3) (formerly INTARC 34)

IARC 25, Materials and Products for Interior Architectural Design (3) (formerly INTARC 36)

Italian

See Modern Languages

Japanese

See Modern Languages

Journalism

This program teaches students the methods and techniques for gathering, processing and delivering news, and prepares students to be professional print and multimedia journalists. Included is instruction in news writing and editing, reporting and multimedia story production, professional standards and ethics, and journalism history and research. Careers in this field include book editor, copywriter, film critic, foreign correspondent, freelance writing, online editor, multimedia story producer, journalist, magazine editor, news anchor, newspaper editor, publicist, sportswriter, and technical writer.

Programs Offered:

- Transfer Preparation
- Journalism Associate Degree for Transfer

Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California Community Colleges. The courses listed below are SMC courses. If completed entirely at SMC, the academic path requires 19 units.

- Journalism – Multimedia Storytelling Associate Degree
- See also Communication Studies
- See also Media Studies

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

SMC offers the **Journalism Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Journalism AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/ad-search/search.shtml

JOURNALISM, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Journalism for Transfer (AA-T) involves the methods and techniques for gathering, processing, and delivering news, and prepares students to be professional print and multimedia journalists. Included is instruction in news writing and editing, reporting and multimedia story production, professional standards and ethics, and journalism history and research. Careers in this field include book editor, copywriter, film critic, foreign correspondent, freelance writer, online editor, multimedia story producer, journalist, magazine editor, news anchor, newspaper editor, publicist, sportswriter, and technical writer.

Upon completion of the Associate in Arts in Journalism for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into journalism or similar majors for many campuses in the California State University system.

Program Learning Outcomes: Upon completion of the program, students will be able to produce essential nonfiction storytelling techniques in print and multimedia formats,

demonstrate the ability to work as a team member to collaborate on media production across several formats, and demonstrate an understanding of the ethical and legal issues affecting journalists.

Required Core Courses: (9 units minimum)

JOURN 1, The News (3)
 JOURN 16, Producing the Campus Newspaper (4)
 MEDIA 1, Survey of Mass Media Communications (3)

LIST A: Select 1 course from the following: (3 units required)

BUS 29, Public Relations and Publicity (3) (*same as JOURN 43*)
 JOURN 2, Intermediate Newswriting and Reporting (3)
 JOURN 15, Introduction to Multimedia Storytelling (3)
 JOURN 17, Editing the Campus Newspaper (2)
 JOURN 21, News Photography (3) (*same as PHOTO 13*)
 JOURN 43, Public Relations and Publicity (3) (*same as BUS 29*)
 PHOTO 13, News Photography (3) (*same as JOURN 21*)

LIST B: Select 2 courses; each course must come from a different group: (6 units minimum)

GROUP 1

Any course from List A not used above.

GROUP 2

BUS 32, Business Communications (3)
 COM ST 11, Elements of Public Speaking (3)
 COM ST 12, Persuasion (3)
 COM ST 16, Fundamentals of Small Group Discussion (3)
 COM ST 21, Argumentation (3)
 ENGL 1, Reading and Composition 1 (3)
 ENGL 2, Critical Analysis and Intermediate Composition (3)
 ENGL 31, Advanced Composition (3)
 HIST 47, The Practice of History (3)
 PHILOS 7, Logic and Critical Thinking (3)

GROUP 3

MATH 2, Precalculus (5)
 MATH 21, Finite Mathematics (3)
 MATH 26, Functions and Modeling for Business and Social Science (3)
 MATH 54, Elementary Statistics (4)

or

any math course for which these are a prerequisite

GROUP 4

PHOTO 1, Introduction to Photography (3)

JOURNALISM – MULTIMEDIA STORYTELLING, ASSOCIATE DEGREE

This program teaches students the methods and techniques for gathering, processing, and delivering news, and prepares students to be professional print and multimedia journalists. Included is instruction in news writing and editing, reporting and multimedia story production, professional standards and ethics, and journalism history and research. Careers in this field include book editor, copywriter, film critic, foreign correspondent, freelance writer, online editor, multimedia story producer, journalist, magazine editor, news anchor, newspaper editor, publicist, sportswriter, and technical writer.

Program Learning Outcomes: Upon completion of the program, students will be able to produce essential nonfiction storytelling techniques in print and multimedia formats, demonstrate the ability to work as a team member to col-

laborate on media production across several formats, and demonstrate an understanding of the ethical and legal issues affecting journalists.

Required Courses: (10 units minimum)

JOURN 1, The News (3)
 JOURN 15, Introduction to Multimedia Storytelling (3)
 JOURN 16, Producing the Campus Newspaper (4)

Elective Courses: Select at least 1 course from each group: (9 units minimum)

GROUP A

BUS 29, Public Relations and Publicity (3) (*same as JOURN 43*)
 CIS 50, Internet, HTML, and Web Design (3)
 CIS 56, Web Media Production (3)
 CIS 59A, Dreamweaver I (3)
 CIS 60A, Photoshop I (3)
 DESIGN 11, Design Foundations (3) (*formerly GR DES 31*)
 DESIGN 24, Web Design 1 (3) (*formerly GR DES 65*)
 DMPOST 3, Digital Video Fundamentals (3) (*formerly ET 31A*)
 GR DES 34, Publication and Page Design I (3)
 GR DES 64, Digital Imaging for Design (3)
 JOURN 4A, Newscasting and Newswriting (3) (*same as MEDIA 14*)
 JOURN 7, Engaging Audiences for Journalism and Social Media (4) (*same as MEDIA 25*)
 JOURN 8, Writing to Sell (3)
 JOURN 17, Editing the Campus Newspaper (2)
 JOURN 21, News Photography (3) (*same as PHOTO 13*)
 JOURN 22, Photography for Publication (3) (*same as PHOTO 14*)
 JOURN 43, Public Relations and Publicity (3) (*same as BUS 29*)
 JOURN 90B, Journalism Internship (2)
 MEDIA 14, Newscasting and Newswriting (3) (*same as JOURN 4A*)
 PHOTO 13, News Photography (3) (*same as JOURN 21*)
 PHOTO 14, Photography for Publication (3) (*same as JOURN 22*)
 PHOTO 29, Video Production for Still Photographers (3)

GROUP B

MEDIA 1, Survey of Mass Media Communications (3)
 MEDIA 10, Journalism, Gender and Race (3)
 MEDIA 11, Introduction to Broadcasting

Kinesiology/Physical Education

Kinesiology — a rapidly expanding field in the fitness and healthcare arena — is the study of human development, anatomy, physiology, mechanics, and motor learning. Within each kinesiology subdiscipline, students learn about stressors — both positive and negative — that govern human performance. Class discussions focus on numerous clinical conditions, and the exercise, nutritional, and medical techniques that can be used to prevent and control these problems.

Most career options in kinesiology require additional education, four-year or graduate degrees, and certification by specified agencies. SMC's kinesiology courses prepare stu-

dents for advanced studies in kinesiology, physical therapy, exercise physiology, sports medicine, and other related life sciences programs.

Programs Offered:

- Transfer Preparation
- Kinesiology Associate Degree for Transfer (20 units)
Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California Community Colleges. The courses listed below are SMC courses. If completed entirely at SMC, the academic path requires 21 units.
- Athletic Coaching Associate Degree
- Athletic Coaching Certificate of Achievement (24 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

SMC offers the **Kinesiology Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Kinesiology AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml

KINESIOLOGY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Kinesiology for Transfer (AA-T) involves the study of human development, anatomy, physiology, mechanics, and motor learning. Within each subdiscipline, students study stressors — both positive and negative — that govern human performance. In addition, discussions focus on exercise, nutrition, and techniques used to achieve health and wellness. Students develop and integrate the concepts and principles from each subdiscipline to understand the complexity of the human body.

Upon completion of the Associate in Arts in Kinesiology for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Students who have completed the Associate in Arts for Transfer in Kinesiology will have satisfied the lower-division requirements for transfer into Kinesiology

or a similar major for many campuses in the California State University system.

Program Learning Outcomes: Upon completion of the program, students will demonstrate skills in anatomy, physiology, kinesiology, and motor learning, as well as an appreciation of the complexity of the human body as it relates to exercise, nutrition, and techniques used to achieve health and wellness.

Required Core Courses: (11 units)

- ANATMY 1, Human Anatomy (4)
- PHYS 3, Human Physiology (4)
- PRO CR 10, Introduction to Kinesiology (3)

Movement Based Courses: Select 1 course from 3 different areas: (3 units)

- Aquatics: KIN PE 48A, 48B, 48C, 48D, 49A, 49C, 49D, 50A, 50C, 51A, 51B
- Combatives: KIN PE 34A, 34B, 41W
- Dance: DANCE 14, 15, 17, 18, 19A, 20, 21A, 22, 23, 24, 25, 27, 27B, 29, 31, 32, 41, 42, 60
- Fitness: KIN PE 2, 10A, 11A, 11B, 11C, 11N, 13, 15A, 17, 19A, 19B, 19C, 19D, 19E, 58A, 58B, 58C
- Individual Sports: KIN PE 5A, 5B, 5C, (14), 14A, 14B, 15A, 16A, 25A, 25B, 25C, 25D, 53A, 53B, 54A, 54B, 54C, 54D, 56A, 56B
- Team Sports: KIN PE 9A, 9B, 9C, 9W, 21, 21C, 43A, 45A, 57A, 57B, 57C, 59A, 59B, 59C

Support Courses: Select 2 courses from the following: (6 units minimum)

- BIOL 2, Human Biology (3)
-
- CHEM 10, Introductory General Chemistry (5)
- or**
- CHEM 11, General Chemistry I (5)
- or**
- CHEM 19, Fundamentals of General, Organic, and Biological Chemistry (5)
-

- MATH 54, Elementary Statistics (4)
- PHYSICS 6, General Physics 1 with Lab (4)
-
- PHYSICS 8, Calculus-Based General Physics 1 with Lab (4)
- or**
- PHYSICS 21, Mechanics with Lab (5)

ATHLETIC COACHING, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The Athletic Coaching program prepares students to coach a variety of sports and fitness activities. The program includes courses in Kinesiology Physical Education, Athletics, and Nutrition. Students will understand the basics of training and fitness, prevention of injuries, nutrition, and the fundamental skills of the sport in their area of emphasis. Athletic Coaching can lead to employment as sport coaches at the High School, Collegiate, Recreational, and Club levels.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

Program Learning Outcomes: Upon completion of the program, students will demonstrate how to safely train and prepare athletes and teams for competitions. They will also demonstrate the skills and techniques associated with the sport in their area of specialization, and will demonstrate

familiarity with techniques for motivating athletes and team performance.

Required Core Courses: (17 units)

KIN PE 3, Introduction to Exercise Physiology I (3)
 KIN PE 4, Introduction to Sport Psychology (3)
 NUTR 4, Healthy Lifestyle: Food and Fitness (3)
 PRO CR 11, Introduction to Sports Injuries (3)
 PRO CR 19, Field Experience (2)

 HEALTH 11, First Aid and Cardio-Pulmonary Resuscitation (3)

or

PRO CR 12, Emergency Care and Water Safety (3)

Area of Specialization; Select 1 course from the following: (3 units)

PRO CR 3, Coaching of Racquet Sports (3)
 PRO CR 4, Coaching of Track and Field (3)
 PRO CR 6A, Coaching of Football (3)
 PRO CR 6B, Coaching of Baseball (3)
 PRO CR 7, Coaching of Soccer (3)
 PRO CR 8, Coaching of Basketball (3)
 PRO CR 9, Coaching of Volleyball (3)
 PRO CR 25, Personal Trainer Preparation (3)

Required Fitness Courses; complete a minimum of 2 units by selecting from the following courses:

KIN PE 2, Achieving Lifetime Fitness (3)
 KIN PE 10A, Fitness Lab (1) (formerly KIN PE 10)
 KIN PE 10C, Advanced Fitness Lab (1)
 KIN PE 11A, Beginning Weight Training (1)
 KIN PE 11B, Intermediate Weight Training (1)
 KIN PE 11C, Advanced Weight Training (1)
 KIN PE 11N, Individual Weight Training (1)
 KIN PE 12, Olympic-Style Weightlifting (1)
 KIN PE 17, Boxing for Fitness (1)
 KIN PE 18, Beginning Fitness Walking (1)
 KIN PE 19A, Fitness – Anaerobic Exercises (1)
 KIN PE 19B, Fitness – Aerobic Exercises (1)
 KIN PE 19C, Fitness – Body Level Exercises (1)
 KIN PE 19D, Fitness – Aquatic Exercises (1)
 KIN PE 29A, Pilates Mat Exercise (1)
 KIN PE 29B, Intermediate Pilates (1)
 KIN PE 29C, Advanced Pilates (1)
 KIN PE 58A, Beginning Yoga (1)
 KIN PE 58B, Intermediate Yoga (1)
 KIN PE 58C, Advanced Yoga (1)
 VAR PE 11A, In-Season Intercollegiate Strength and Conditioning (1)
 VAR PE 11B, Off-Season Intercollegiate Strength and Conditioning (1)
 VAR PE 60, Conditioning for Intercollegiate Sport (1)

Sports Area: select 2 courses: 1 from List A and a different course from List B.

List A: Includes all KIN PE Courses that are NOT in the Fitness list: (1 unit required)

KIN PE 1A, Adaptive Physical Education (1)
 KIN PE 5A, Beginning Badminton (1)
 KIN PE 5B, Intermediate Badminton (1)
 KIN PE 7C, Advanced Baseball for Men (1)
 KIN PE 9A, Beginning Basketball (1)
 KIN PE 9B, Intermediate Basketball (1)
 KIN PE 13, Beginning Spinning (1)
 KIN PE 14A, Beginning Distance Running/Cross Country (1) (formerly KIN PE 14)

KIN PE 14B, Intermediate Distance Running/Cross Country (1)

KIN PE 15A, Cycling (1)
 KIN PE 16A, Beginning Rock Climbing (1)
 KIN PE 21, Coed Touch Football (3)
 KIN PE 25A, Beginning Golf (1)
 KIN PE 25B, Intermediate Golf (1)
 KIN PE 25C, Advanced Golf (1)
 KIN PE 34A, Karate (1)
 KIN PE 34B, Intermediate Karate (1)
 KIN PE 34C, Advanced Intermediate Karate (1)
 KIN PE 35A, Beginning Wushu/Kung Fu (1)
 KIN PE 41M, Self Defense – Men (1)
 KIN PE 41W, Self Defense – Women (1)
 KIN PE 43A, Beginning Soccer (1)
 KIN PE 43B, Intermediate Soccer (1)
 KIN PE 43C, Advanced Soccer (1)
 KIN PE 45A, Beginning Softball (1)
 KIN PE 45B, Intermediate Softball (1)
 KIN PE 46, Performance Cheerleading (3)
 KIN PE 48A, Beginning Swimming (1)
 KIN PE 48B, Elementary Swimming (1)
 KIN PE 48C, Intermediate Swimming (1)
 KIN PE 49A, Board Diving (3)
 KIN PE 49C, Skin Diving (1)
 KIN PE 50A, Beginning Water Polo (1)
 KIN PE 50B, Intermediate Water Polo (1)
 KIN PE 51A, Beginning Surfing (1)
 KIN PE 52A, Beginning Pickleball (1)
 KIN PE 53A, Table Tennis (1)
 KIN PE 54A, Beginning Tennis, First Level (1)
 KIN PE 54B, Beginning Tennis, Second Level (1)
 KIN PE 54C, Intermediate Tennis (1)
 KIN PE 56A, Beginning Track and Field (1)
 KIN PE 57A, Beginning Volleyball (1)
 KIN PE 57B, Intermediate Volleyball (1)
 KIN PE 59A, Beginning Beach Volleyball (1)
 KIN PE 59B, Intermediate Beach Volleyball (1)

List B: Highest Level Courses: (1 unit required)

KIN PE 5C, Advanced Badminton (1)
 KIN PE 9C, Advanced Basketball (1)
 KIN PE 9W, Advanced Basketball for Women (1)
 KIN PE 10C, Advanced Fitness Lab (1)
 KIN PE 11C, Advanced Weight Training (1)
 KIN PE 12, Olympic-Style Weightlifting (1)
 KIN PE 14C, Advanced Distance Running/Cross Country (1)
 KIN PE 16B, Intermediate Rock Climbing (1)
 KIN PE 21C, Advanced Football for Men (1)
 KIN PE 25D, Golf Player Development (1)
 KIN PE 34D, Advanced Karate (1)
 KIN PE 35B, Intermediate Wushu/Kung Fu (1)
 KIN PE 43D, Competitive Soccer (1)
 KIN PE 45C, Advanced Softball (1)
 KIN PE 45D, Competitive Softball (1)
 KIN PE 48D, Advanced Swimming (1)
 KIN PE 50C, Advanced Water Polo (1)
 KIN PE 50D, Competitive Water Polo (1)
 KIN PE 51B, Intermediate Surfing (1)
 KIN PE 52B, Intermediate Pickleball (1)
 KIN PE 53B, Intermediate Table Tennis (1)
 KIN PE 54D, Advanced Tennis (1)
 KIN PE 56B, Intermediate Track and Field (1)
 KIN PE 57C, Advanced Volleyball (1)
 KIN PE 56C, Intermediate-Advanced Track and Field (1)

KIN PE 56D, Advanced Track and Field (1)
 KIN PE 59C, Advanced Beach Volleyball (1)
 VAR PE 9V, Varsity Basketball for Men (3)
 VAR PE 9W, Varsity Basketball for Women (3)
 VAR PE 14V, Varsity Cross Country for Men (3)
 VAR PE 14W, Varsity Cross Country for Women (3)
 VAR PE 20V, Advanced Football for Men (1)
 VAR PE 21V, Varsity Football for Men (3)
 VAR PE 43V, Varsity Soccer for Men (3)
 VAR PE 43W, Varsity Soccer for Women (3)
 VAR PE 45W, Varsity Softball for Women (3)
 VAR PE 48V, Varsity Swimming and Diving for Men (3)
 VAR PE 48W, Varsity Swimming and Diving for Women (3)
 VAR PE 50V, Varsity Water Polo for Men (3)
 VAR PE 50W, Varsity Water Polo for Women (3)
 VAR PE 54W, Varsity Tennis for Women (3)
 VAR PE 56V, Varsity Track and Field for Men (3)
 VAR PE 56W, Varsity Track and Field for Women (3)
 VAR PE 57V, Varsity Volleyball for Men (3)
 VAR PE 57W, Varsity Volleyball for Women (3)
 VAR PE 59W, Varsity Beach Volleyball for Women (3)

Korean

See *Modern Languages*

Latin American Studies

See *Modern Languages*

Liberal Arts

Liberal Arts provides a broad education that can be used in many different careers programs of study. Liberal arts studies include English, Communication, Arts and Humanities, Science, Social Science, and Physical Education. At SMC, the program offers students the choice of focusing on the arts and humanities or on the social and behavioral sciences. Arts and humanities coursework includes languages, literature, art, music, philosophy, and religion. Social and behavioral sciences coursework emphasizes economics, history, political science, psychology, sociology, and anthropology. Elementary school teachers often earn degrees in liberal arts. Additional career options include advertising, business, health administration, human resources management, politics, education, government, computers, writing, and editing. For additional information on Teacher Preparation, please see the Teacher Preparation guide, available online at smc.edu/articulation and in General Counseling & Transfer Services.

Programs Offered:

- Transfer Preparation
- Liberal Arts Associate Degree (Historical)
- Liberal Arts – Arts and Humanities Associate Degree
- Liberal Arts – Social and Behavioral Science Associate Degree

TRANSFER PREPARATION

Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific

transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

LIBERAL ARTS, ASSOCIATE DEGREE (HISTORICAL)

The Liberal Arts Associate degree is available to students who enrolled at SMC in spring 2010 or earlier and who have maintained catalog rights. (See page 34 for definition of catalog rights.) For Liberal Arts Associate degree requirements, please see the 2008-09 SMC catalog.

LIBERAL ARTS – ARTS AND HUMANITIES

Liberal Arts – Arts and Humanities is program that focuses on combined studies in art and humanities, as distinguished from the social and behavioral sciences, with an emphasis on languages, literature, art, music, philosophy, and religion. This major provides a broad education that can be used in a variety of careers, including teaching. For additional information on teacher preparation, please see the Teacher Preparation Guide in General Counseling & Transfer Services or at smc.edu/articulation.

Program Learning Outcomes: Students completing a degree in Liberal Arts – Arts and Humanities will demonstrate through oral and written academic work knowledge of the arts and humanities and be prepared to pursue further study in a related major at the baccalaureate level. Students will be proficient in the research, analytical, and communication skills necessary to present a critical analysis.

Required Courses:

Complete 18 units, including at least 6 units from Area A and 6 units from Area B, as specified below. Remaining 6 units may be chosen from any area/group.

AREA A: ARTS

Select at least 2 courses from different groups: (6 units minimum required)

GROUP 1:

ART 10A, 10B, 13, 20A, 20B, 40A, 40B, 43A, 43B

GROUP 2:

AHIS 1^{ec}, 2^{ec}, 3^{ec}, 5^{ec}, 6^{ec}, 11^{ec}, 15, 17^{ec}, 18^{ec}, 21^{ec}, 22, 52 (same as PHOTO 52), 71^{ec}, 72^{ec};
 ANIM 5 (formerly ET 61);
 PHOTO 52 (same as AHIS 52)

GROUP 3:

DANCE 2^{ec}, 5, 6

GROUP 4:

FILM 1, 2, 5, 6, 8, 9, 10, 11

GROUP 5:

IARC 15 (formerly INTARC 34)

GROUP 6:

MUSIC 1, 29, 30, 31, 32, 33^{ec}, 36^{ec}, 37^{ec}, 39, 60A, 60B, 66

GROUP 7:

ENGL 55;
 TH ART 2, 5, 41

AREA B: HUMANITIES

Select at least 2 courses from 2 **different** groups OR 2 courses in different languages from Group 1: (6 units minimum required)

GROUP 1:

ASL **1^{GC}**, **2^{GC}**;
 ARABIC **1^{GC}**;
 CHINESE **1^{GC}**, **2^{GC}**, **3^{GC}**, **4^{GC}**, 8, 9; **9^{GC}**;
 FRENCH **1^{GC}**, **2^{GC}**, **3^{GC}**, **4^{GC}**, 8; **9^{GC}**;
 GERMAN **1^{GC}**, **2^{GC}**, **3^{GC}**, **4^{GC}**, 8;
 HEBREW **1^{GC}**, **2^{GC}**, **3^{GC}**, **4^{GC}**, 8;
 ITAL **1^{GC}**, **2^{GC}**, **3^{GC}**, **4^{GC}**, 8;
 JAPAN **1^{GC}**, **2^{GC}**, **3^{GC}**, **4^{GC}**, 8; **9^{GC}**;
 KOREAN **1^{GC}**, **2^{GC}**, **3^{GC}**, **4^{GC}**;
 PERSIN **1^{GC}**, **2^{GC}**;
 PORTGS **1^{GC}**; 2
 RUSS **1^{GC}**, **2^{GC}**, 8;
 SPAN **1^{GC}**, **2^{GC}**, **3^{GC}**, **4^{GC}**, 8, **9^{GC}**, **11^{GC}**, **12^{GC}**, **20^{GC}**;
 TURK **1^{GC}**

GROUP 2:

COM ST 12, **14^{GC}**

GROUP 3:

ENGL 2, 3, 4, 5, 6, 7, 8, **9^{GC}**, **10^{GC}**, 14, 15, 17, 18, 26
 (same as HUM 26), 30A, 30B, 31, 32, 34, 38, 39, 40,
 41, 45, **49^{GC}**, 50, 51 (same as REL ST 51), 52 (same
 as REL ST 52), 53, 54, 55, 56, 57, 58, 59, 61, 62;
 FILM 11 (same as ENGL 11);
 HUM 9A, 26 (same as ENGL 26);
 JAPAN **9^{GC}**;
 REL ST 51 (same as ENGL 51), 52 (same as ENGL 52)

GROUP 4:

FILM **7^{GC}**

GROUP 5:

PHILOS 48

GROUP 6:

ENVRN **20^{GC}** (same as PHILOS 20);
 PHILOS 1, 2, 3, 4, 5, 6, 10, 11, **20^{GC}** (same as ENVRN
 20), 22, 23, 24, 41, 51 (same as POL SC 51), 52
 (same as POL SC 52);
 POL SC 51 (same as PHILOS 51), 52 (same as PHILOS
 52)

GROUP 7:

LING **1^{GC}**

GROUP 8:

HIST 1, 2, 3, 4, 5, **6^{GC}**, **10^{GC}**, 11, 12, 13, **14^{GC}** (same as
 ENVRN 14), 15 (same as ECON 15), 16, 19, 20, 21,
 22, 24, **25^{GC}**, 26, 27, 28, 29, **32^{GC}** (same as ENVRN
 32), 33, **34^{GC}**, 38, 39, 41, 42, 43, 47, 52, 53, 55, 62

PLEASE NOTE: ^{GC} indicates courses that fulfill the SMC Global Citizenship requirement.

LIBERAL ARTS – SOCIAL AND BEHAVIORAL SCIENCE

The Liberal Arts – Social and Behavioral Science program focuses on the combined study of the social and behavioral sciences, as distinguished from the arts and humanities, with an emphasis on economics, history, political science, psychology, sociology, and anthropology. This major provides a broad education that can be used in a variety of careers, including teaching.

Program Learning Outcomes: Students completing a degree in Liberal Arts – Social and Behavioral Science will demonstrate through oral and written academic work knowledge of the social and behavioral sciences and be prepared to

pursue further study in a related major at the baccalaureate level. Students will be proficient in the research, analytical, and communication skills necessary to present a critical analysis.

Complete 18 units, including at least 6 units from Area A and 6 units from Area B, as specified below. Remaining 6 units may be chosen from any area/group. Select from the following two groups:

AREA A: SOCIAL SCIENCE

Select at least 2 courses from different groups: (minimum 6 units required)

GROUP 1:

ECON 1, 2, 5 (same as GLOBAL 5 and POL SC 5), 6, **8^{GC}**
 (same as WGS 8), 15 (same as HIST 15)

GROUP 2:

GEOG 2, **7^{GC}** (same as ENVRN 7), 8 (same as URBAN 8),
11^{GC} (same as GLOBAL 11), **14^{GC}**

GROUP 3:

COM ST 9, 20, 30;

ENGL 32;

HIST 1, 2, 3, 4, 5, **6^{GC}**, **10^{GC}**, 11, 12, 13, **14^{GC}** (same as
 ENVRN 14), 15 (same as ECON 15), 16, 19, 20, 21,
 22, 24, **25^{GC}**, 26, 28, 29, **32^{GC}** (same as ENVRN 32),
 33, **34^{GC}**, 38, **39^{GC}**, 41, 42, 43, 47, 48 (same as PHILOS
 48), 52, 53, 55, 62;

PHILOS 48

GROUP 4:

POL SC 1, 2, 3, **5^{GC}** (same as ECON 5 and GLOBAL 5), 7,
 8, 11, 14, **21^{GC}**, **22^{GC}** (same as ENVRN 22), 23, 24, 31,
 47, 51 (same as PHILOS 51), 52 (same as PHILOS 52)

GROUP 5:

AD JUS 1, 2;

SOCIOL 1, **15^{GC}**, 2, **25^{GC}**, 4, 12, 30, 31, 32, 33, **34^{GC}**

GROUP 6:

WGS **10^{GC}**, **20^{GC}**, **30^{GC}**

GROUP 7:

AD JUS 1, 2;

GLOBAL **10^{GC}**

AREA B: BEHAVIORAL SCIENCE

Select at least 2 courses from different groups: (6 units minimum required)

GROUP 1:

ANTHRO **2^{GC}**, 3, 4, 7, **14^{GC}**, **19^{GC}**, 20, **21^{GC}**, 22;
 ASTRON **6^{GC}**

GROUP 2:

NUTR **7^{GC}**

GROUP 3:

BUS 1

COM ST 31, 35, 36, **37^{GC}**

GROUP 4:

GLOBAL 3 (same as MEDIA 3);

MEDIA 1, 3 (same as GLOBAL 3), 4, **10^{GC}**

GROUP 5:

ECE **11^{GC}**;

ENVRN **40^{GC}** (same as PSYCH 40);

PSYCH 1, 3, 5, 6, 7, 11, 12, 13, 14, 19, 25, **40^{GC}** (same as
 ENVRN 40)

PLEASE NOTE: ^{GC} indicates courses that fulfill the SMC Global Citizenship requirement.

Linguistics

See Modern Languages

Mathematics

Mathematicians use symbolic languages to set up and analyze relationships among quantities and qualities of things, events, and places. Pure mathematicians develop the theories to further the science of mathematics. Possible careers include actuary, computer engineer, cryptographer, satellite communications expert, robotics programmer, statistician and teacher.

Programs Offered:

- Transfer Preparation
- Mathematics Associate Degree for Transfer
Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California Community Colleges. The courses listed below are SMC courses. If completed entirely at SMC, the academic path requires 21 units.

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Mathematics. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the **Mathematics Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Mathematics AS-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/ad-search/search.shtml

MATHEMATICS, ASSOCIATE DEGREE FOR TRANSFER

Upon successful completion of the Santa Monica College's AS-T in Mathematics, the student will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. This coursework will satisfy most of the lower-division Mathematics requirements at many institutions at both the University of California and the California State University systems. This degree is

intended for students who are interested in the theory of Mathematics and are planning to transfer to a four-year university and majoring in Mathematics, Physics, Engineering, or Computer Science.

Program Learning Outcomes: Upon completion of the program, students will demonstrate an appreciation and understanding of mathematics in order to develop creative and logical solutions to various abstract and practical problems. Furthermore, given a mathematical situation, the student will be able to critically analyze it, determine an appropriate strategy to address it, and implement the strategy to find the solution.

Required Core Courses: (18 units)

- MATH 7, Calculus 1 (5)
- MATH 8, Calculus 2 (5)
- MATH 11, Multivariable Calculus (5)
- MATH 13, Linear Algebra (3)

Select 1 course from the following: (3 units minimum)

- MATH 10, Discrete Structures (3) *(formerly same as CS 10) (strongly recommended)*
- MATH 15, Ordinary Differential Equations (3) *(strongly recommended)*
- PHYSICS 8, Calculus-based General Physics 1 with Lab (4)
- PHYSICS 21, Mechanics with Lab (5)

Media Studies

Media is a versatile discipline consisting of two areas of study: media studies and media production. Our media studies area focuses on the analysis of the mass media. Media Studies courses use an analytical and historical approach, and students develop skills to assess the role and impact of mass media on society. Students examine the history, values, and structure of media in the US and internationally. Media literacy skills are another fundamental component of Media Studies courses. Upon successful completion of our Media Studies courses, each student should leave as a media literate individual – a more aware, critical audience member with a well-developed sense of mass media's role in society. There is a wide range of employment possibilities for students trained in Media Studies, including positions in public relations, business, sales, public and personnel relations, and advertising.

SMC's Media Production courses provide hands-on training in the areas of television, radio and Internet broadcasting, including broadcast news, sports, promotional videos, podcasting, short form,, and emerging media (360/virtual and augmented reality). Students completing the Broadcasting degrees and/or certificates are prepared for both employment opportunities in the broadcasting industry and transfer into four-year degree programs. The Promo Pathway program provides intensive training and internships for students pursuing promo advertising careers opportunities in the broadcasting industry and transfer into four-year degree programs.

Programs Offered:

- Transfer Preparation
- Broadcast Programming and Production Associate Degree
- Broadcast Sales and Management Associate Degree

- Entertainment Promotion and Marketing Production Associate Degree
- Broadcast Programming and Production Certificate of Achievement (20 units)
- Broadcast Sales and Management Certificate of Achievement (21 units)
- Entertainment Promotion and Marketing Production Certificate of Achievement (24 units)
- See also Communication Studies
- See also Journalism

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

BROADCAST PROGRAMMING AND PRODUCTION, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The Media Production courses provide hands-on training in the areas of Television, Radio, and Internet Broadcasting, including broadcast news, sports, promotional videos, podcasting, short form and emerging media (360/virtual and augmented reality). Students completing the Broadcasting degrees and/or certificates are prepared for both employment opportunities in the broadcasting industry and transfer into four-year degree programs. The Promo Pathways program provides intensive training and internships for students pursuing promo advertising careers opportunities in the broadcasting industry, and transfer into four-year degree programs.

Program Learning Outcomes: Upon completion of the program, students will be able to analyze and articulate the theories and critical models of the broadcasting industry, demonstrating an understanding of the principles of radio and television production and announcing, including professional terminology and procedures. Students will also be able to demonstrate the basic oral and written communication tools needed to function professionally in a radio and television production environment, including the ability to research, structure, and write dramatic and non-dramatic scripts for radio and television.

Required Courses: (15 units)

- MEDIA 1, Survey of Mass Media Communications (3)
- MEDIA 11, Introduction to Broadcasting (3)
- MEDIA 12, Broadcasting Programming and Management (3)
- MEDIA 13, Broadcasting Announcing and Production (3)

- JOURN 4A, Newscasting and Newswriting (3) (*same as MEDIA 14*)

or

- MEDIA 14, Newscasting and Newswriting (3) (*same as JOURN 4A*)

Restricted Electives; Select at least 5 units from the following list:

- BUS 33, Broadcast Advertising (3) (*same as MEDIA 18*)

or

- MEDIA 2, Reading Media: Acquiring Media Literacy Skills (3)
- MEDIA 15, Advanced Newscasting and Newswriting (3)
- MEDIA 16, Sportscasting Fall Sports (3)
- MEDIA 17, Sportscasting Spring Sports (3)
- MEDIA 18, Broadcast Advertising (3) (*same as BUS 33*)
- MEDIA 19, Beginning Radio/Podcasting Production Workshop (3)
- MEDIA 20, Introduction to Media Writing and Producing Short-Form Content (3)
- MEDIA 21, Short-Form Visual Media Production (3)
- MEDIA 46, Television Production (3)
- MEDIA 48, Television Field Production Workshop (3)
- MEDIA 90A, Media Studies Internship (1)
- MEDIA 90B, Media Studies Internship (2)

Additional general education and graduation requirements for the Associate degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to smc.edu/articulation).

BROADCAST SALES AND MANAGEMENT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Broadcast Sales and Management courses prepare students for careers in media sales and management, brand integration, and interactive media for television, radio, Internet, and emerging technology (360/virtual and augmented reality). Students completing the Broadcasting degrees and/or certificates are prepared for both employment opportunities in the digital media industry and transfer into four-year degree programs. There is a wide range of employment possibilities for students trained in Media Sales and Management, including positions in public relations, business, sales, public and personnel relations, and advertising.

Program Learning Outcomes: Upon completion of the program, students will be able to analyze and articulate the theories and critical models of the broadcasting industry, demonstrating an understanding of the principles of radio and television production and announcing, including professional terminology and procedures. Students will also be able to demonstrate the basic oral and written communication tools needed to function professionally in a radio and television production environment, including the ability to research, structure, and write dramatic and non-dramatic scripts for radio and television.

Required Courses: (18 units)

- BUS 23, Principles of Selling (3)
- MEDIA 1, Survey of Mass Media Communications (3)
- MEDIA 11, Introduction to Broadcasting (3)
- MEDIA 12, Broadcasting Programming and Management (3)
- MEDIA 13, Broadcasting Announcing and Production (3)

- BUS 33, Broadcast Advertising (*same as MEDIA 18*)

*or*MEDIA 18, Broadcast Advertising (3) (*same as BUS 33*)*Restricted Electives; Select at least 3 units from the following:*

BUS 1, Introduction to Business (3)
 BUS 27, Introduction to E-Commerce (3)
 BUS 63, Principles of Entrepreneurship (3)
 MEDIA 2, Reading Media: Acquiring Media Literacy Skills (3)
 MEDIA 20, Introduction to Media Writing and Producing Short-Form Content (3)
 MEDIA 21, Short-Form Visual Media Production (3)
 MEDIA 90A, Media Studies Internship (1)
 MEDIA 90B, Media Studies Internship (2)

ENTERTAINMENT PROMOTION AND MARKETING PRODUCTION, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The Entertainment Promotion and Marketing Production program provides students with the skills, knowledge, training, and relationships necessary for entry level employment in the entertainment promotion and marketing production area of the advertising and promotion media industry. This industry sector includes the writing, producing, editing, and design of on-air and off-air promotions, commercial advertisements and public service announcements, and ancillary mass media areas such as media strategy and planning, public relations, publicity, and broadcast/Internet/interactive media marketing production.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to use digital video and audio workstations to produce promotional spots, commercials, and various other electronic media projects. Students will have gained basic training and practical experience in writing, producing, music selection, and directing voice-over talent for marketing and alternative media branding campaigns; and they will understand modern business marketing concepts and strategies and become familiar with standards, procedures, and techniques used in marketing, including marketing research, target marketing; promotion, and digital media distribution strategies.

Required Courses: (18 units)

BUS 28, Marketing Promotion (3)
 DESIGN 13, Digital Design Tools (3) (*formerly GR DES 18*)
 DMPOST 3, Digital Video Fundamentals (3) (*formerly ET 31A*)
 DMPOST 30, Digital Video Editing (3) (*formerly ET 31B*)
 MEDIA 20, Introduction to Media Writing and Producing Short-Form Content (3)
 MEDIA 21, Short-Form Visual Media Production (3)

Restricted Electives: (6 units)

ANIM 75, Career Development (2) (*formerly ET 72*)
 BUS 26, Marketing Research and Consumer Behavior (3)
 BUS 29, Public Relations and Publicity (3) (*same as JOURN 43*)
 BUS 33, Broadcast Advertising (3) (*same as MEDIA 18*)
 BUS 34A, Introduction to Digital Marketing (3)
 COM ST 12, Persuasion (3)
 COUNS 16, Job Success Skills (1)
 DMPOST 1, Digital Media Workflow Management (3) (*formerly ET 3*)

DMPOST 2, Digital Audio Fundamentals (3) (*formerly ET 40*)DMPOST 20, Digital Audio Editing (3) (*formerly ET 41*)

GR DES 64, Digital Imaging for Design I (3)

GR DES 71, Motion Graphics 1 (3)

JOURN 43, Public Relations and Publicity (3) (*same as BUS 29*)

MEDIA 2, Reading Media: Acquiring Media Literacy Skills (3)

MEDIA 11, Introduction to Broadcasting (3)

MEDIA 13, Broadcasting Announcing and Production (3)

MEDIA 18, Broadcast Advertising (3) (*same as BUS 33*)

MEDIA 19, Beginning Radio/Podcasting Production Workshop (3)

MEDIA 90A, Media Studies Internship (1)

MEDIA 90B, Media Studies Internship (2)

Microbiology

See Biological Sciences

Modern Languages

Santa Monica College offers language development courses in American Sign Language, Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Korean, Linguistics, Persian, Portuguese, Russian, Spanish, and Turkish.

Programs Offered:

- Transfer Preparation
- See Spanish for Spanish Associate Degree for Transfer
- African and Middle Eastern Studies Certificate of Achievement (16 units)
- Asian Studies Certificate of Achievement (16 units)
- European Studies Certificate of Achievement (16 units)
- Latin American Studies Certificate of Achievement (16 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in various languages and linguistics. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

AFRICAN AND MIDDLE EASTERN STUDIES, CERTIFICATE OF ACHIEVEMENT

The African and Middle Eastern Studies Certificate of Achievement prepares students for work with Arabic, Hebrew, Persian, Turkish, French, Spanish, and/or Portuguese-speaking populations from Africa and the Middle East in the US and abroad. This certificate is

designed to complement an Associate degree. Students will analyze and examine the countries and cultures of Africa and the Middle East.

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of the cultural and linguistic diversity of Africa and the Middle East and the differences and commonalities in their world views and systems.

Required Language Courses: (10 units minimum)

ARABIC 1, Elementary Arabic 1 (5)
 ARABIC 99, Applied Learning in Arabic (1)
 FRENCH 4, Intermediate French II (5)
 FRENCH 8, Conversational French (2)
 FRENCH 9, French Culture and Civilization (3)
 FRENCH 99, Applied Learning in French (1)
 HEBREW 4, Intermediate Hebrew 2 (5)
 HEBREW 8, Conversational Hebrew (2)
 HEBREW 99, Applied Learning in Hebrew (1)
 PERSIN 2, Elementary Persian II (5)
 PERSIN 99, Applied Learning in Persian (1)
 PORTGS 2, Elementary Portuguese 2 (5)
 SPAN 4, Intermediate Spanish II (5)
 SPAN 8, Conversational Spanish (2)
 SPAN 9, The Civilization of Spain (3)
 SPAN 25, Spanish for the Professions (3)
 SPAN 99, Applied Learning in Spanish (1)
 TURK 1, Elementary Turkish 1 (5)

Required Liberal Arts Courses: (6 units minimum)

AHIS 18, Introduction to African Art History (3)
 ANTHRO 20, Traditional Peoples and Cultures of Africa (3)
 ENGL 32, History and Literature of Contemporary Africa (3)
 HIST 16, African-American History (3)
 HIST 22, History of the Middle East (3)
 HIST 38, African History I (3)
 HIST 39, African History II (3)
 POL SC 14, Middle East Government and Politics (3)
 SOCIOL 30, African Americans in Contemporary Society (3)

ASIAN STUDIES, CERTIFICATE OF ACHIEVEMENT

The Asian Studies Certificate of Achievement prepares students for work with speakers of Chinese, Japanese, or Korean in the US and abroad. This certificate provides broad preparation for liberal arts students who seek to develop expertise in China, Japan, or Korea. This certificate is designed to complement an Associate degree. Students will analyze and examine the countries and cultures of Asia.

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of the cultural and linguistic diversity of East Asia and the differences and commonalities in the world view and systems of China, Japan, or Korea.

Select 1 “Language Track” from the choices below:

Chinese Language Track: (10 units minimum)

CHNESE 9, Chinese Culture and Tradition (3)

and

Complete a minimum of 7 units from the following:

CHNESE 3, Intermediate Chinese 1 (5)
 CHNESE 4, Intermediate Chinese 2 (5)

CHNESE 8, Conversational Chinese (2)
 CHNESE 99, Applied Learning in Chinese (1)
Japanese Language Track: (10 units minimum)
 JAPAN 9, Japan: Culture and Civilization (3)

and

Complete a minimum of 7 units from the following:

JAPAN 3, Intermediate Japanese I (5)
 JAPAN 4, Intermediate Japanese II (5)
 JAPAN 8, Conversational Japanese (2)
 JAPAN 99, Applied Learning in Japanese (1)

Korean Language Track: (10 units minimum)

KOREAN 3, Intermediate Korean I (5)
 KOREAN 4, Intermediate Korean II (5)
 KOREAN 8, Conversational Korean (2)
 KOREAN 9, Korean Civilization (3)
 KOREAN 25, Korean for the Professions (3)
 KOREAN 99, Applied Learning in Korean (1)

Liberal Arts Curriculum; select a minimum of 6 units from the courses below:

AHIS 17, Arts of Asia (3)
 ENGL 40, Asian Literature (3)
 ENGL 45, Asian Film, Literature, and Society (3)
 ENGL 49, Asian Mythology (3)
 HIST 24, History of East Asia to 1600 (3)
 HIST 25, History of East Asian Since 1600 (3)
 HIST 27, History of Southeast Asia (3)
 HIST 62, Asian-American History (3)
 HUM 9A, South Asia: Culture and Civilization (3)
 PHILOS 22, Asian Philosophy (3)
 POL SC 8, The Modern Far East (3)
 SOCIOL 32, Asian Americans in Contemporary Society (3)

EUROPEAN STUDIES, CERTIFICATE OF ACHIEVEMENT

The European Studies Certificate of Achievement provides students with an opportunity to study European languages and cultures from the vantage points of several disciplines in arts and humanities. It prepares students to work with French, German, Italian, Russian, Spanish, and/or Portuguese-speaking populations from Europe, in the United States, and abroad.

Program Learning Outcomes: Upon completion of the program, students will demonstrate proficiency in written and spoken communication in European languages. Students will also demonstrate critical understanding of cultural issues relevant to European countries and analysis of the cultural and linguistic differences and commonalities in their world views and systems.

Required Liberal Arts Courses: (6 units)

AHIS 2, Western Art History II (3)
 AHIS 3, Global Art History Since 1860 (3)
 ENGL 56, 20th Century European Literature (3)
 HIST 1, History of Western Civilization I (3)
 HIST 2, History of Western Civilization II (3)
 HIST 28, Modern Europe: 1914 to the Present (3)
 HIST 33, World Civilizations I (3)
 HIST 34, World Civilizations II (3)
 MUSIC 30, Music History I (3)
 MUSIC 31, Music History II (3)
 MUSIC 39, History of Opera (3)
 PHILOS 3, Early Philosophers (3)
 PHILOS 4, Modern Philosophers (3)

Required languages courses (select 10 units)

FRENCH 3, Intermediate French I (5)
 FRENCH 4, Intermediate French II (5)
 GERMAN 2, Elementary German II (5)
 GERMAN 3, Intermediate German I (5)
 GERMAN 4, Intermediate German II (5)
 ITAL 2, Elementary Italian II (5)
 ITAL 3, Intermediate Italian I (5)
 ITAL 4, Intermediate Italian 2 (5)
 PORTGS 2, Elementary Portuguese 2 (5)
 RUSS 2, Elementary Russian II (5)
 RUSS 8, Conversational Russian (2)
 SPAN 3, Intermediate Spanish I (5)
 SPAN 4, Intermediate Spanish II (5)
 SPAN 9, The Civilization of Spain (3)

LATIN AMERICAN STUDIES, CERTIFICATE OF ACHIEVEMENT

The Latin American Studies Certificate of Achievement prepares students for work with Spanish- and/or Portuguese-speaking populations in the US and abroad. This certificate is designed to complement an Associate degree. Students will analyze and examine the countries and cultures of Latin America and the Caribbean.

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of the cultural and linguistic diversity of Latin America and the Caribbean and the differences and commonalities in their world views and systems.

Required Language Courses: (7 units minimum)

PORTGS 2, Elementary Portuguese 2 (5)
 PORTGS 99, Applied Learning in Portuguese (1)
 SPAN 3, Intermediate Spanish I (5)
 SPAN 4, Intermediate Spanish II (5)
 SPAN 8, Conversational Spanish (2)
 SPAN 12, Spanish for Native Speakers 2 (5)
 SPAN 25, Spanish for the Professions (3)
 SPAN 99, Applied Learning in Spanish (1)

Required Civilization Course:

SPAN 20, Latin American Civilization (3)

Liberal Arts Curriculum; select a minimum of 6 units from the courses below:

AHIS 5, Latin American Art History 1 (3)
 AHIS 6, Latin American Art History 2 (3)
 AHIS 15, Mexican Art History (3)
 ANTHRO 21, Peoples and Power in Latin America (3)
 ANTHRO 35s, Archeological Field Techniques (3)
 ENGL 57, Latin-American Literature (3)
 ENGL 58, Literature of Mexico (3)
 HIST 5, History of Latin America 1 (3)
 HIST 6, History of Latin America 2 (3)
 HIST 19, History of Mexico (3)
 HIST 42, The Latina/o Experience in the United States (3)
 HIST 43, Mexican-American History (3)
 SOCIOL 31, Latinas/os in Contemporary Society (3)

Music

The Music Associate in Arts degree provides educational opportunities to explore and expand students' knowledge, performance skills, and appreciation of music. In this context, "appreciation" means understanding the value, char-

acteristics, components, cultural meanings, and historical contexts of various styles of music. The curriculum includes applied and group music instruction, history, performance ensembles, theory, and musicianship.

NOTE: Students have the choice of following the General Music or Applied Music option requirements. Only one degree can be awarded. For both options (General and Applied), the degree is "Associate of Arts in Music."

Programs Offered:

- Transfer Preparation
- Music Associate Degree

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

MUSIC, ASSOCIATE DEGREE

NOTE: Students have the choice of following the Music or Applied Music option requirements. Only one degree can be awarded. For both options (general and applied), the degree is "Associate in Arts in Music." The descriptors "General" and "Applied" are not included on transcripts or diplomas.

Program Learning Outcomes: Upon completion of the program, students will demonstrate conversance in music theory, musicianship, and music history. Students will show proficiency in basic keyboard skills, and will demonstrate performance ability as active members of an ensemble.

Recommended Preparation: Students are strongly recommended to take one of these two courses prior to taking any other major courses:

MUSIC 1, Fundamentals of Music (3)

or

MUSIC 66, Fundamentals of Music and Beginning Piano (5)

and

MUSIC 5, Fundamentals of Musicianship (2)

Required Courses: (15 units)

MUSIC 2, Musicianship (2)
 MUSIC 3, Musicianship (2)
 MUSIC 4, Musicianship (2)
 MUSIC 6, Diatonic Harmony (3)
 MUSIC 7, Chromatic Harmony (3)
 MUSIC 8, Modulation and Analysis (3)

Select 2 courses from the following:

MUSIC 60A, Elementary Piano, First Level (2)

or

MUSIC 66, Fundamentals of Music and Beginning Piano (5)

MUSIC 60B, Elementary Piano, Second Level (2)
 MUSIC 60C, Elementary Piano, Third Level (2)
 MUSIC 60D, Elementary Piano, Fourth Level (2)
 MUSIC 61A, Intermediate Piano, Fifth Level (2)
 MUSIC 61B, Intermediate Piano, Sixth Level (2)
 MUSIC 64, Piano Ensemble (2)
 MUSIC 69D, Interpretation of 20th Century Piano Music (2)

Students who have exceeded the intermediate/early advanced level in piano may receive an exemption from this requirement through an audition administered by the piano faculty. A letter from the department chair will serve as certification of a successful audition and the authorized exemption. Students exempted from this requirement will receive course credit, but not unit credit. Any of the degree-applicable elective music courses may substitute for those units.

The following courses are recommended, though not required, for students pursuing either the Applied Music or Music option:

MUSIC 30, Music History I (3)
 MUSIC 31, Music History II (3)

OPTION 1: Applied Music

Students pursuing the Applied Music option must complete one course per semester for a total of four semesters in performance ensemble courses selected from the following:

MUSIC 40, Opera Workshop (2)
 MUSIC 42, Advanced Opera Production (5)
 MUSIC 44, Mariachi Ensemble (2)
 MUSIC 45, Musical Theatre Workshop (3) (*same as TH ART 45*)
 MUSIC 52, Advanced Production – Musical Theatre (5)
 MUSIC 53, Jazz Vocal Ensemble (2)
 MUSIC 55, Concert Chorale (2)
 MUSIC 59, Chamber Choir (2)
 MUSIC 64, Piano Ensemble (2)*
 MUSIC 73B, Intermediate Percussion Ensemble (2)
 MUSIC 74, Orchestra (2)
 MUSIC 77, Wind Ensemble (2)
 MUSIC 78, Jazz Ensemble (2)
 TH ART 45, Musical Theatre Workshop (3) (*same as MUSIC 45*)

Students pursuing the Applied Music option must take 4 semesters of each of the following courses as remaining electives: (12 units, audition required)

MUSIC 92, Applied Music Instruction (2)
 MUSIC 94, Concert Music Class (1)

OPTION 2: Music

Students pursuing the Music option must complete a minimum of 8 units for performance ensemble courses selected from the following:

MUSIC 40, Opera Workshop (2)
 MUSIC 42, Advanced Opera Production (5)
 MUSIC 44, Mariachi Ensemble (2)
 MUSIC 45, Musical Theatre Workshop (3) (*same as TH ART 45*)
 MUSIC 52, Advanced Production – Musical Theatre (5)
 MUSIC 53, Jazz Vocal Ensemble (2)
 MUSIC 55, Concert Chorale (2)
 MUSIC 59, Chamber Choir (2)
 MUSIC 64, Piano Ensemble (2)
 MUSIC 73B, Intermediate Percussion Ensemble (2)

MUSIC 74, Orchestra (2)
 MUSIC 77, Wind Ensemble (2)
 MUSIC 78, Jazz Ensemble (2)
 TH ART 45, Musical Theatre Workshop (3) (*same as MUSIC 45*)

Students pursuing the Music option must complete additional units from the list of electives below to meet the minimum 39 units in total:

MUSIC 1, Fundamentals of Music (3)

or

MUSIC 66, Fundamentals of Music and Beginning Piano (5)

MUSIC 5, Fundamentals of Musicianship (2)
 MUSIC 10, Popular Harmony and Arranging (3)
 MUSIC 12, Introduction to Music Technology (3)
 MUSIC 13, Tonal Counterpoint (3)
 MUSIC 24, Conducting (2)
 MUSIC 27, Music for Early Childhood Education (3) (*same as ECE 81*)

MUSIC 29, A World of Music (3)

MUSIC 30, Music History I (3)

MUSIC 31, Music History II (3)

MUSIC 32, Appreciation of Music (3)

MUSIC 33, Jazz in American Culture (3)

MUSIC 36, History of Rock Music (3)

MUSIC 37, Music in American Culture (3)

MUSIC 39, History of Opera (3)

MUSIC 40, Opera Workshop (2)

MUSIC 42, Advanced Opera Production (5)

MUSIC 45, Musical Theatre Workshop (3) (*same as TH ART 45*)

MUSIC 50A, Elementary Voice (2)

MUSIC 50B, Intermediate Voice (2)

MUSIC 52, Advanced Production – Musical Theatre (5)

MUSIC 53, Jazz Vocal Ensemble (2)

MUSIC 55, Concert Chorale (2)

MUSIC 57, Advanced Vocal Performance Techniques (2)

MUSIC 59, Chamber Choir (2)

MUSIC 60A, Elementary Piano, First Level (2)*

or

MUSIC 66, Fundamentals of Music and Beginning Piano (5)*

MUSIC 60B, Elementary Piano, Second Level (2)

MUSIC 60C, Elementary Piano, Third Level (2)

MUSIC 60D, Elementary Piano, Fourth Level (2)

MUSIC 61A, Intermediate Piano, Fifth Level (2)

MUSIC 61B, Intermediate Piano, Sixth Level (2)

MUSIC 63, Sight Reading at Keyboard (2)

MUSIC 64, Piano Ensemble (2)*

MUSIC 65A, Keyboard Improvisation I (2)

MUSIC 65B, Keyboard Improvisation II (2)

MUSIC 69D, Interpretation of 20th Century Piano Music (2)

MUSIC 70A, String Instrument Techniques (2)

MUSIC 70B, Intermediate Strings Techniques (2)

MUSIC 70C, Intermediate String Orchestra (2)

MUSIC 71, Woodwind Instrument Techniques (2)

MUSIC 72, Brass Instrument Techniques (2)

MUSIC 73A, Percussion Ensemble Instrument Techniques (2)

MUSIC 73B, Intermediate Percussion Ensemble (2)

MUSIC 74, Orchestra (2)
 MUSIC 76, Intermediate Brass, Woodwinds, and Percussion (2)
 MUSIC 77, Wind Ensemble (2)
 MUSIC 78, Jazz Ensemble (2)
 MUSIC 79A, Jazz Improvisation (2)
 MUSIC 84A, Popular Guitar, First Level (2)
 MUSIC 84B, Popular Guitar, Second Level (2)
 MUSIC 84C, Popular Guitar, Third Level (3)
 MUSIC 87A, Fingerstyle Guitar, First Level (2)
 MUSIC 87B, Fingerstyle Guitar, Second Level (2)
 MUSIC 92, Applied Music Instruction (2) – four semesters
 MUSIC 94, Concert Music Class (1) – four semesters
 TH ART 45, Musical Theatre Workshop (3) (*same as MUSIC 45*)

*If not used above.

Nursing – Registered Nurse

This program prepares students to meet the standards of the California Board of Registered Nursing. The program is approved by the California Board of Registered Nursing and accredited by the Accreditation Commission of Education in Nursing. Upon completion of the program, graduates receive an Associate in Science degree and are eligible to take the National Council Licensure Examination (NCLEX) to become a Registered Nurse.

Students seeking admission to the Nursing program MUST meet the following criteria:

- An overall grade point average of 2.5 for the Human Anatomy, Human Physiology, and Microbiology prerequisite courses, taken in the last 5 years, with no grade less than C for each course.
- Only one repetition (excluding W) in the group of science prerequisite courses (Anatomy, Physiology, and Microbiology) is allowed within the last 5 years at the time of application.
- College-level English composition class (minimum 3 semester units) with a grade no less than C;
- Be in good standing at Santa Monica College (not on academic or lack-of-progress probation);
- Meet the minimum physical qualifications and essential functions (*more information at smc.edu/nursing*);
- Must have negative criminal background check and drug screening;
 - Persons who have been convicted of misdemeanor or felony may not qualify for licensure to practice nursing in California.
- Must take and achieve the required score on an Admission Assessment; and
- Must have a valid Social Security Number or a valid Individual Tax Identification Number.

Please visit the Nursing website (smc.edu/nursing) for additional application and admission information.

The estimated cost of the entire Nursing Program over two years is \$4,000 – \$5,000. Students should be prepared to spend approximately \$1,000 the first semester for books, equipment, uniforms, and tuition. For additional information, please visit smc.edu/nursing.

Programs Offered:

- Transfer Preparation

- Nursing Associate Degree (ADN)
- LVN-ADN Advanced Placement
- Non-Graduate 30-Unit Option

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

NURSING (ADN), ASSOCIATE DEGREE

Program Learning Outcomes: Students who complete the Nursing program will use theoretical concepts of leadership and management to administer and design plans of care that integrate knowledge and skills pertinent to the role of manager of care of a group of patients and members of the health care team. Graduates will also utilize delegation, priority-setting skills, and knowledge of legal-ethical issues and health care delivery systems to design and coordinate a plan of nursing care for a group of patients.

All prerequisites to the Nursing Program must be completed prior to application and posted on transcript.

Prerequisite Requirements (16 units)

ENGL 1, Reading and Composition 1 (3)
 ANATMY 1, General Human Anatomy (4)
 PHYS 3, Human Physiology (4)
 MCRBIO 1, Fundamentals of Microbiology (5)

No online lab components are accepted.

Graduation Major Requirements:

These requirements can be completed prior to application:

NURSNG 17, Pharmacological Aspects of Nursing (3)
 (Prerequisite: Physiology 3)
 NURSNG 36, Calculations in Drugs and Solutions (1)
 COM ST 11, Elements of Public Speaking (3) (*COM ST 11 completed summer 2013 or later*)

or

COM ST 35, Interpersonal Communication (3)
 PSYCH 19, Lifespan Human Development (3)

All courses in the approved nursing curriculum must be passed with a minimum "C" grade to remain in the program, progress to the next course, graduate, and apply for licensure.

General Education Requirements:

Nursing students who earned a Bachelor degree or higher at a U.S. regionally accredited institution are not required to complete the Associate Degree general education requirements below.

Social Science – Group A (3)
 Humanities (3)

Rationality (3)
Global Citizenship (3)

Note: Many Global Citizenship courses are also in GE areas and can be used to satisfy both; refer to Associate Degree General Education Requirements.

SMC ADN requirements must be successfully completed prior to graduation.

Required Nursing Courses: (40 units)

FIRST SEMESTER

NURSNG 1, Fundamentals of Nursing Concepts 1 (2)
NURSNG 1L, Fundamentals of Nursing Concepts 1 Lab (2.5)
NURSNG 36, Calculations in Drugs And Solutions (1)
NURSNG 2, Fundamentals of Nursing Concepts 2 (2.5)
NURSNG 2L, Fundamentals of Nursing Concepts 2 Lab (2.5)

SECOND SEMESTER

NURSNG 3, Adult Health Nursing Concepts 1 (2.5)
NURSNG 3L, Adult Health Nursing Concepts 1 Lab (2.5)
NURSNG 17, Pharmacological Aspects of Nursing (3)
NURSNG 4, Mental Health Nursing Concepts (1.5)
NURSNG 4L, Mental Health Concepts Lab (1.5)

THIRD SEMESTER

NURSNG 5, Adult Health Nursing Concepts 2 (2.5)
NURSNG 5L, Adult Health Nursing Concepts 2 Lab (2.5)
NURSING 6, Maternal Newborn Nursing Concepts (1.5)
NURSING 6L, Maternal Newborn Nursing Concepts Lab (1)
NURSING 7, Pediatric Nursing Concepts (1.5)
NURSING 7L, Pediatric Nursing Concepts Lab (1)

FOURTH SEMESTER

NURSNG 8, Adult Health Nursing Concepts 3 (2.5)
NURSNG 8L, Adult Health Nursing Concepts 3 Lab (2.5)
NURSNG 9, Nursing Leadership Concepts (1.5)
NURSNG 9L, Nursing Leadership Concepts Lab (2)

LVN-ADN ADVANCED PLACEMENT

Program Learning Outcomes: Students who complete the Nursing program will use theoretical concepts of leadership and management to administer and design plans of care that integrate knowledge and skills pertinent to the role of manager of care of a group of patients and members of the health care team. Graduates will also utilize delegation, priority-setting skills, and knowledge of legal-ethical issues and health care delivery systems to design and coordinate a plan of nursing care for a group of patients.

All prerequisites to the Nursing Program must be completed prior to application and posted on transcript.

Prerequisite Requirements (18 units)

ENGL 1, Reading and Composition 1 (3)
ANATMY 1, General Human Anatomy (4)
PHYS 3, Human Physiology (4)
MCRBIO 1, Fundamentals of Microbiology (5)
Nursing 19, Orientation to Advanced Placement (2)

Graduation Major Requirements:

These requirements can be completed prior to application:

NURSNG 17, Pharmacological Aspects of Nursing (3)
(Prerequisite: Physiology 3)

Nursing 17 (3) Social Science – Group A (3)*
Speech 5 (3)
Global Citizenship/ Humanities (3)*
Psychology 19 (3)
Sociology 1 (3)
Math Requirement (3)*
COM ST 11, Elements of Public Speaking (3)
(COM ST 11 completed summer 2013 or later)

or

COM ST 35, Interpersonal Communication (3)
PSYCH 19, Lifespan Human Development (3)

Note: Many Global Citizenship courses are also in GE areas and can be used to satisfy both; refer to Associate Degree.

General Education Requirements:

SMC ADN requirements must be successfully completed prior to graduation.

All courses in the approved nursing curriculum must be passed with a minimum “C” grade to remain in the program, progress to the next course, graduate, and apply for licensure.

Required Nursing Courses: (24 units)

FIRST SEMESTER

Prerequisite: Nursing 19

Nursing 3: Adult Health Nursing Concepts 1 (2.5)
Nursing 3L: Adult Health Nursing Concepts Lab 1 (2.5)
Nursing 4: Mental Health Nursing Concepts (1.5)
Nursing 4L: Mental Health Nursing Concepts Lab (1.5)

SECOND SEMESTER

Prerequisites: Nursing 4/4L, Nursing 17, Nursing 36

Nursing 5: Adult Nursing Concepts II (2.5)
Nursing 5L: Adult Nursing Concepts Lab II (2.5)
Prerequisites Nursing 5/5L, Psychology 19
Nursing 6: Maternal Newborn Concepts (1.5)
Nursing 6L: Maternal Newborn Concepts Lab (1)
Nursing 7: Pediatric Nursing Concepts (1.5)
Nursing 7L: Pediatric Nursing Concepts Lab (1)

THIRD TERM/SEMESTER

Prerequisites: Nursing 5/5L, Nursing 6/6L and Nursing 7/7L

Nursing 8: Adult Nursing Concepts III (2.5)
Nursing 8L: Adult Nursing Concepts Lab III (2.5)

Prerequisites: All other course work in approved nursing curriculum

Nursing 9: Nursing Leadership Concepts (1.5)
Nursing 9L: Nursing Leadership Concepts Lab (2)

NON-GRADUATE 30-UNIT OPTION

Program Learning Outcomes: Students who complete the Nursing program will use theoretical concepts of leadership and management to administer and design plans of care that integrate knowledge and skills pertinent to the role of manager of care of a group of patients and members of the health care team. Graduates will also utilize delegation, priority-setting skills, and knowledge of legal-ethical issues and health care delivery systems to design and coordinate a plan of nursing care for a group of patients.

NOTE: The 30-Unit Option program is a two-semester program designed to prepare students for employment as a Registered Nurse in California only, with full practice rights as a Registered Nurse after passing the NCLEX. LVNs who select this option should be aware that they may

not change their status as a 30-unit option RN with the California Board of Registered Nursing at any time after being granted a RN licensure. Individuals who become licensed as Registered Nurses using this option may not be eligible for licensure in states outside of California, and may have difficulty applying to a college/university for an advanced degree. The program is approved by the California Board of Registered Nursing. If more information is needed regarding the Non-Graduate 30-Unit Option, students should contact the Associate Dean of Health Sciences for further details.

All prerequisites to the Nursing Program must be completed prior to application and posted on transcript.

Prerequisite Requirements (18 units)

ENGL 1, Reading and Composition 1 (3)
ANATMY 1, General Human Anatomy (4)
PHYS 3, Human Physiology (4)
MCRBIO 1, Fundamentals of Microbiology (5)
Perquisite: Nursing 19 Advanced Placement (2)

FIRST SEMESTER

Nursing 6: Maternal Newborn Concepts (1.5)
Nursing 6L: Maternal Newborn Concepts Lab (1)
Nursing 7: Pediatric Nursing Concepts (1.5)
Nursing 7L: Pediatric Nursing Concepts Lab (1)

SECOND SEMESTER

Nursing 8: Adult Nursing Concepts III (2.5)
Nursing 8L: Adult Nursing Concepts Lab III (2.5)
Nursing 9: Nursing Leadership Concepts (1.5)
Nursing 9L: Nursing Leadership Concepts Lab (2)

Nutrition and Dietetics

SMC's Nutrition and Dietetics program prepares individuals to integrate and apply the principles of the food and nutrition sciences, human behavior, and the biomedical sciences to design and manage effective nutrition programs, and utilize food for human growth in a variety of settings including health care organizations, food service operations, business and industry (product development, marketing, consulting), education and research, health promotion, and private practice counseling. The program examines human nutritional requirements, chemicals and nutrients in food, and how nutrients function and affect the body and overall health. Careers include: nutritionist, nutrition educator, weight loss counselor, diet technician, food services manager, patient services manager, dietician, pediatric dietician, nutrition researcher, sports and cardiac rehabilitation dietician, nutrition consultant, diabetes educator, and many others.

The Associate degree track may be completed in two years and consists of a core of liberal arts, nutrition, and science courses. The support courses in the curriculum pattern allow the student to explore special interests that are related to their personal/professional goals/interests.

Programs Offered:

- Transfer Preparation
- Nutrition and Dietetics Associate Degree for Transfer
Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California Community Colleges. The

courses listed below are SMC courses. If completed entirely at SMC, the academic path requires 27 units.

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

University of California

SMC offers the **Nutrition and Dietetics Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Nutrition and Dietetics AS-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/ad-search/search.shtml

NUTRITION AND DIETETICS, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Science in Nutrition and Dietetics for Transfer (AS-T) involves the understanding of nutrient metabolism and the relationship to optimal health including prevention of degenerative diseases. The course of study provides an integrated curriculum of nutrition coursework along with a solid background in the human body, chemical function and metabolism of nutrients, and the sociological implications of food and behavior. Throughout the degree students will acquire and develop knowledge and skills that will provide a solid background in nutrition so that students can make informed decisions on their personal health.

Upon completion of the Associate in Science in Nutrition and Dietetics for Transfer (AS-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into a Nutrition and Dietetics program for many campuses in the California State University system.

Program Learning Outcomes: Upon completion of the program, students will demonstrate a comprehensive knowledge of the relationship of nutrients and lifestyle factors and the associated risk of degenerative diseases. Students will demonstrate knowledge of physiological processes such as digestion, absorption, transport and metabolism of nutri-

ents. Students will also be able to recognize and separate scientifically supported information from misinformation, and identify ways in which social factors influence food related choices, practices and beliefs.

Required Core Courses: (15 units minimum)

- NUTR 1, Introduction to Nutrition Science (3)
- CHEM 11, General Chemistry I (5)
- MCRBIO 1, Fundamentals of Microbiology (5)
- PSYCH 1, General Psychology (3)

LIST A: Select any two (2) courses from the list below (8 units minimum):

- ANATMY 1, Human Anatomy (4)
- CHEM 21, Organic Chemistry I (5)
- MATH 54, Elementary Statistics (4)

LIST B (minimum of 3 units):

Any course from List A not used above or one of the following:

- ACCTG 2, Corporate Financial and Managerial Accounting (5)
- ANTHRO 2, Cultural Anthropology (3)
- BIOL 3, Fundamentals of Biology (4)
- BIOL 21, Cell Biology and Evolution (4)
- BIOL 22, Genetics and Molecular Biology (4)
- BIOL 23, Organismal and Environmental Biology (5)
- BUS 5, Business Law and the Legal Environment (3)
- BUS 6, Advanced Business Law (3) *(formerly same as ACCTG 26)*
- CHEM 10, Introductory General Chemistry (5)
- CHEM 12, General Chemistry II (5)
- CHEM 22, Organic Chemistry II (4)
- CHEM 24, Organic Chemistry II Laboratory (2)
- CHEM 31, Biochemistry I (5)
- COM ST 11, Elements of Public Speaking (3)
- COM ST 21, Argumentation (3)
- CIS 4, Business Information Systems with Applications (3)
- ECON 1, Principles of Microeconomics (3)
- ECON 2, Principles of Macroeconomics (3)
- ENGL 1, Reading and Composition 1 (3)
- ENGL 2, Critical Analysis and Intermediate Composition (3)
- ENGL 31, Advanced Composition (3)
- HEALTH 10, Fundamentals of Healthful Living (3)
- HIST 47, The Practice of History (3)
- JOURN 1, The News (3)
- MATH 2, Precalculus (5)
- MATH 7, Calculus 1 (5)
- MATH 8, Calculus 2 (5)
- MATH 28, Calculus 1 for Business and Social Science (5)
- MEDIA 1, Survey of Mass Media Communications (3)
- NUTR 3, Introduction to the Dietetics Profession (1)
- NUTR 7, Food and Culture in America (3)
- NUTR 8, Principles of Food with Lab (3)
- PHYSICS 6, General Physics 1 with Lab (4)
- PHYSICS 7, General Physics 2 with Lab (4)
- PHYSICS 8, Calculus-based General Physics 1 with Lab (4)
- PHYSICS 9, Calculus-based General Physics 2 with Lab (4)
- POL SC 1, American and California Politics (3)
- PSYCH 19, Lifespan Human Development (3)
- SOCIOL 1, Introduction to Sociology (3)

SOCIOL 1s, Introduction to Sociology – Service Learning (3)

Office Technology

Office workers are responsible for a variety of administrative and clerical duties necessary to run and maintain organizations efficiently. They use a variety of software, produce correspondence, maintain databases, manage projects, as well as organize meetings, manage records, and schedule appointments. Office workers find employment in a variety of settings, such as corporations, government agencies, schools, and hospitals. Some related job titles include office assistant, administrative assistant, executive assistant, and data entry/clerical.

Programs Offered:

- General Office Associate Degree
- Legal Administrative Assistant Associate Degree
- Medical Administrative Assistant Associate Degree
- Medical Coding and Billing Specialist Associate Degree
- General Office Certificate of Achievement (27 units)
- Legal Administrative Assistant Certificate of Achievement (27 units)
- Legal Office Clerk Certificate of Achievement (12 units)
- Medical Administrative Assistant Certificate of Achievement (33 units)
- Medical Coding and Billing Specialist Certificate of Achievement (36 units)
- Medical Office Clerk Certificate of Achievement (12 units)
- Clerical/Data Entry Department Certificate (12 units)
- Electronic Medical Records Clerk Department Certificate (9 units)
- Hospital Inpatient Coder Department Certificate (9 units)
- Medical Billing/Coding Department Certificate (15 units)
- Medical Records Clerk/Receptionist Department Certificate (15 units)
- Medical Transcription Department Certificate (15 units)

GENERAL OFFICE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program provides training in common skills used in the business office: keyboarding, computer applications, English, accounting, and business communications. General office workers obtain employment in many environments: corporate settings, government facilities, schools, and hospitals. Related job titles include administrative assistant, executive assistant, executive secretary, office assistant, and secretary. After gaining some work experience or specialized skills, many workers transfer to jobs with higher pay or greater advancement potential.

Program Learning Outcomes: Using skills in Microsoft Office software, keyboarding, and English language principles, the student will create and revise commonly used business documents. Given transaction data, the student will perform basic bookkeeping/accounting tasks, such as classifying, recording, and preparing financial documents.

Required Courses: (24 units)

- ACCTG 1, Introduction to Financial Accounting (5)

or

ACCTG 21, Business Bookkeeping (3)

BUS 32, Business Communications (3)

CIS 1, Introduction to Computer Information Systems
(3)CIS 4, Business Information Systems with Applications
(3)

CIS 30, Microsoft Excel (3)

CIS 37, Microsoft Word (3)

CIS 39, MS Outlook – Comprehensive Course (3)

OFTECH 5, English Skills for the Office (3)

Select 3 units from the following:

OFTECH 1, Keyboarding I (3)

OFTECH 1A, Keyboarding 1A (1)

OFTECH 1B, Keyboarding 1B (1)

OFTECH 1C, Keyboarding 1C (1)

OFTECH 9, Keyboarding Improvement (1)

OFTECH 10, Skill Building on the Keyboard (3)

Additional general education and graduation requirements for the Associate degree from Santa Monica College are listed in the Academics section of this catalog, as well as online (go to smc.edu/articulation).

LEGAL ADMINISTRATIVE ASSISTANT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Legal administrative assistants perform the administrative tasks in a law office, such as answering the telephone, managing files, preparing law office correspondence and legal documents, and maintaining the calendar. Legal administrative assistants are in great demand. Qualified legal administrative assistants who have strong skills can find lucrative opportunities with law firms and corporate legal departments, government agencies, and a variety of business and industries — such as banks, insurance companies, investment firms, and real estate companies. This program prepares students to pursue employment as a legal administrative assistant. Training is provided in legal terminology, law office procedures, legal research, computer technology, machine transcription and document preparation, keyboarding, and written and verbal communications.

Program Learning Outcomes: Upon completion of the program, using transcription equipment, word processing software, and legal terminology skills, students will prepare legal documents that represent correct format, spelling, punctuation, capitalization, and number usage. Applying knowledge of law office procedures, students will demonstrate skills in workplace telecommunications, office and court calendaring, billing procedures, and filing systems.

Required Courses: (24 units)

BUS 5, Business Law and the Legal Environment (3)

CIS 4, Business Information Systems with Applications
(3)

CIS 30, Microsoft Excel (3)

CIS 37, Microsoft Word (3)

CIS 39, MS Outlook – Comprehensive Course (3)

OFTECH 5, English Skills for the Office (3)

OFTECH 30, Legal Office Procedures (3)

OFTECH 31, Legal Terms and Transcription (3)

Select 3 units from the following:

OFTECH 1, Keyboarding I (3)

OFTECH 1A, Keyboarding 1A (1)

OFTECH 1B, Keyboarding 1B (1)

OFTECH 1C, Keyboarding 1C (1)

OFTECH 9, Keyboarding Improvement (1)

OFTECH 10, Skill Building on the Keyboard (3)

LEGAL OFFICE CLERK, CERTIFICATE OF ACHIEVEMENT

Legal office clerks perform basic support tasks in a law office. This entry level position includes responsibilities such as producing correspondence, performing receptionist duties, answering telephones, filing, and managing calendars. The Legal Office Clerk Certificate provides training in computer technology, legal office procedures, legal terminology, machine transcription, English skills, and keyboarding. With experience, legal office clerks may advance to administrative assistants and office managers.

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge of legal terminology, English skills, computer technology, machine transcription, and keyboarding. Students will prepare legal documents. Applying knowledge of legal office procedures, students will demonstrate skills in court calendaring, billing procedures, and filing systems.

*Required Courses:*CIS 4, Business Information Systems with Applications
(3)

OFTECH 5, English Skills for the Office (3)

OFTECH 30, Legal Office Procedures (3)

OFTECH 31, Legal Terms and Transcription (3)

MEDICAL ADMINISTRATIVE ASSISTANT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

This program prepares students for employment in a medical environment. Students develop skills and knowledge to perform a variety of duties to aid in the efficient workflow and operations of a medical related facility. Coursework indicates medical terminology, computer technology, medical law and ethics, and “front office” tasks — such as patient scheduling, reception, coding and billing, transcription, and records management.

Program Learning Outcomes: Upon completion of the program, using knowledge of front office tasks, students will use appropriate procedures related to reception, telephone communications, and records management. Applying computer technology skills, medical terminology skills, and language skills, students will prepare correspondence, produce medical transcripts, and perform tasks related to patient coding and billing.

*Required Courses: (30 units)*CIS 4, Business Information Systems with Applications
(3)

CIS 37, Microsoft Word (3)

CIS 39, MS Outlook – Comprehensive Course (3)

OFTECH 5, English Skills for the Office (3)

OFTECH 20, Medical Vocabulary (3)

OFTECH 21, Medical Terms and Transcription 1 (3)

OFTECH 23, Medical Billing (Medisoft) (3)

OFTECH 24, Medical Coding/Billing 1 (3)

OFTECH 27, Medical Office Procedures (3)

OFTECH 28, Electronic Health Records (3)

Select 3 units from the following:

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

MEDICAL CODING AND BILLING SPECIALIST, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Medical Coding and Billing Specialists are primarily responsible for submitting documentation of patient medical care to insurance companies. Duties include billing insurance companies and patients; collecting payment for services; and documenting tests, treatments, and procedures, using correct medical terminology — referred to as “coding.” This program provides the training that is required to perform these duties.

Program Learning Outcomes: Upon completion of this program, applying knowledge of diagnostic and procedural codes, students will review patients’ medical records and assign appropriate codes for reimbursement and billing purposes. Using a computerized patient billing system, students will enter patient and case information, process transactions and claims, create statements, and produce reports.

Required Courses: (33 units)

ANATMY 1, General Human Anatomy (4)

or

BIOL 2, Human Biology (3)

CIS 4, Business Information Systems with Applications (3)

CIS 30, Microsoft Excel (3)

OFTECH 5, English Skills for the Office (3)

OFTECH 20, Medical Vocabulary (3)

OFTECH 23, Medical Billing (Medisoft) (3)

OFTECH 24, Medical Coding/Billing 1 (3)

OFTECH 25, Medical Coding/Billing 2 (3)

OFTECH 26, Medical Coding/Billing 3 (3)

OFTECH 27, Medical Office Procedures (3)

OFTECH 28, Electronic Health Records (3)

Select 3 units from the following:

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

MEDICAL OFFICE CLERK, CERTIFICATE OF ACHIEVEMENT

The Medical Office Clerk Certificate prepares students to perform common tasks in a medical workplace. Students develop skills in medical terminology, medical office procedures, and basic medical coding and billing principles.

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge of medical office procedures, HIPAA, patient admissions and discharges, and appropriate telephone and scheduling procedures. Using knowledge of medical terminology and coding/billing

procedures, students will demonstrate an understanding of billing, reimbursement, and collection procedures.

Required Courses:

CIS 4, Business Information Systems with Applications (3)

OFTECH 20, Medical Vocabulary (3)

OFTECH 24, Medical Coding/Billing 1 (3)

OFTECH 27, Medical Office Procedures (3)

CLERICAL/DATA ENTRY, DEPARTMENT CERTIFICATE

Organizations need to process a rapidly growing amount of information. Data entry workers help ensure the efficient handling of information processing. Duties include inputting data into computers and performing editing, proofreading, and clerical tasks. This certificate program provides training in the essential skills to carry out these tasks. Job opportunities exist in part-time, full-time, and work-at-home positions. Data entry workers are known by various job titles, such as data entry clerk, data entry operator, data entry specialist, and clerk. Data entry jobs frequently serve as stepping stones to higher paying positions with increased responsibilities.

Program Learning Outcomes: Using source materials, the student will use Microsoft Word, Excel, Access, and PowerPoint software to input data. Applying knowledge of grammar, punctuation, vocabulary, and spelling principles, the student will proofread and correct data input.

Required Courses: (9 units)

CIS 4, Business Information Systems with Applications (3)

CIS 37, Microsoft Word (3)

OFTECH 5, English Skills for the Office (3)

Select 3 units from the following:

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

ELECTRONIC MEDICAL RECORDS CLERK, DEPARTMENT CERTIFICATE

This program prepares students for entry-level clerical positions involving electronic health records (EHR). Training is provided in computer basics, medical terminology, and electronic records technology. EHR clerks work in hospitals, physicians’ offices, and nursing homes — typically under the direction of a manager or supervisor.

Program Learning Outcomes: Upon completion of the program, students will be able to capture and store patient data into an EHR (Electronic Health Records) system. Using EHR software, students will document patient encounters and process physician orders in an electronic system.

Required Courses: (9 units)

CIS 4, Business Information Systems with Applications (3)

OFTECH 20, Medical Vocabulary (3)

OFTECH 28, Electronic Health Records (3)

HOSPITAL INPATIENT CODER, DEPARTMENT CERTIFICATE

Coding is the transformation of healthcare diagnoses, procedures, medical services, and equipment into universal medical alphanumeric codes for statistical reporting and reimbursement purposes. A hospital inpatient coder reviews and codes information for patients who stay at least overnight in a hospital facility. This certificate program provides training in medical terminology, inpatient coding, and billing, reimbursement, and collection procedures.

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge of medical terminology and correctly code inpatient facility services and diagnoses. Using knowledge of billing principles, students will demonstrate an understanding of billing, reimbursement, and collection procedures.

Required Courses: (9 units)

- OFTECH 20, Medical Vocabulary (3)
- OFTECH 25, Medical Coding/Billing 2 (3)
- OFTECH 26, Medical Coding/Billing 3 (3)

MEDICAL BILLING/CODING, DEPARTMENT CERTIFICATE

Medical billing/coding workers are primarily responsible for submitting documentation of patient medical care to insurance companies. Duties include billing insurance companies and patients; collecting payment for services; and documenting tests, treatments and procedures, using correct medical terminology – referred to as “coding”. The Medical Billing/Coding Certificate program provides the training that is required to perform these duties.

Program Learning Outcomes: Applying knowledge of diagnostic and procedural codes, the student will review patients’ medical records and assign appropriate codes for reimbursement and billing purposes. Using a computerized patient billing system, the student will enter patient and case information, process transactions and claims, create statements, and produce reports.

Required Courses: (12 units)

- CIS 30, Microsoft Excel (3)
- OFTECH 20, Medical Vocabulary (3)
- OFTECH 23, Medical Billing (Medisoft) (3)
- OFTECH 24, Medical Coding/Billing 1 (3)

Select 3 units from the following:

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

MEDICAL RECORDS CLERK/RECEPTIONIST, DEPARTMENT CERTIFICATE

This program is ideal for students who want to learn the basic skills needed to become employed in a healthcare setting. This certificate prepares students for entry-level records management/receptionist positions in hospitals, nursing homes, physician offices, and service agencies. Coursework includes training in storing, retrieving, and maintaining medical records; front desk procedures; medical vocabulary; computer technology; keyboarding; and

written and verbal communications. With experience and additional education, medical records clerk/receptionists may advance to senior clerks, registered health information technicians (RHITs), registered health information administrators (RHIA), consultants, and educators.

Program Learning Outcomes: Upon completion of this program, using knowledge of recordkeeping systems, students will organize and retrieve patient records using alphabetic, numeric, and color-coded systems. Applying knowledge of front desk procedures, students will demonstrate knowledge of appropriate telephone skills and face-to-face communications.

Required Courses: (12 units)

- CIS 4, Business Information Systems with Applications (3)
- OFTECH 5, English Skills for the Office (3)
- OFTECH 20, Medical Vocabulary (3)
- OFTECH 27, Medical Office Procedures (3)

Select 3 units from the following:

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

MEDICAL TRANSCRIPTION, DEPARTMENT CERTIFICATE

This program prepares students to listen to dictated recordings made by physicians and other healthcare professionals and transcribe them into medical reports, correspondences, and other administrative material. Medical transcription is a particularly flexible career that easily lends itself to many different work styles. Medical transcriptionists work in hospitals, physicians’ offices, transcription service offices, clinics, laboratories, and at home. With experience, medical transcriptionists can advance to supervisory positions, home-based work, editing, or consulting.

Program Learning Outcomes: Using transcription equipment and word processing software, the student will prepare medical documents that represent correct format, spelling, capitalization, number usage, punctuation, abbreviations, symbols, and metric measurement rules. In the preparation of medical documents, the student will use a variety of reference resources.

Required Courses: (12 units)

- OFTECH 5, English Skills for the Office (3)
- OFTECH 20, Medical Vocabulary (3)
- OFTECH 21, Medical Terms and Transcription 1 (3)
- OFTECH 22, Medical Terms and Transcription 2 (3)

Select 3 units of the following:

- OFTECH 1, Keyboarding I (3)
- OFTECH 1A, Keyboarding 1A (1)
- OFTECH 1B, Keyboarding 1B (1)
- OFTECH 1C, Keyboarding 1C (1)
- OFTECH 9, Keyboarding Improvement (1)
- OFTECH 10, Skill Building on the Keyboard (3)

Persian

See Modern Languages

Philosophy

Programs in philosophy are designed to develop the reasoning skills needed to understand and evaluate beliefs about man, society, reality, knowledge, truth, values, etc. Skills in thinking and problem solving, research, writing, criticism, and analysis are emphasized. Philosophy programs provide a background for fields such as law, theology, journalism, business, or public service. Some students earn graduate degrees to become college philosophy teachers.

Programs Offered:

- Transfer Preparation
- See also Liberal Arts – Arts and Humanities

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Philosophy. For more information, visit pathwaysguide.universityofcalifornia.edu

Photography

The Photography program teaches the dynamics of visual communication to illustrate ideas, record events, articulate stories, express moods, sell products, and interpret a person's character. Courses stress technical knowledge, proficiency in camera control, digital and analog capture methods, artificial light control, and image manipulation. This program prepares students for careers in photography-related genres, including advertising photography, food photography, architectural photography, editorial photography, portrait photography, fashion photography, and photojournalism.

High school students in the 11th and 12th grades may begin this program concurrently with their high school program if approved by the high school principal.

Information regarding the Photography program is available on the Photography Department's website (smc.edu/photo) and by calling the Photography Department at 310-434-3547.

Programs Offered:

- Transfer Preparation
- Photography Associate Degree
- Photography Certificate of Achievement (40 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

PHOTOGRAPHY, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Students completing the program in Photography will analyze and assess photographic situations and solve technical problems and creative challenges as they arise in a photographic production. Students will design and construct photographic images that can communicate ideas or narratives effectively for commercial, editorial, or fine art purposes. Graduates will also have the knowledge and skills pertinent to the successful operation of a freelance photography business and sound business practices in the trade.

Required Courses: (32 units)

- PHOTO 1, Introduction to Photography (3)
- PHOTO 2, Basic Black and White Darkroom Techniques (2)
- PHOTO 5, Digital Asset Management, Modification, and Output (3)
- PHOTO 30, Techniques of Lighting: Introduction (4)
-
- PHOTO 31, Lighting for People 1 (4)
- or*
- PHOTO 32, Lighting for People 2 (4)
-
- PHOTO 33, Lighting for Products (4)
- PHOTO 39, Beginning Photoshop (3)
- PHOTO 43, Portfolio Development (3)
- PHOTO 52, History of Photography (3) (*same as AHIS 52*)
- PHOTO 60, Business Practices in Photography (3)

AREA A: Restricted Photography Electives; Select any one of the following courses listed below: (5 units) [Please note that no more than 2 units of Independent Study (PHOTO 88A-88C) and no more than 3 units of Internship (PHOTO 90A-90D) may be used to satisfy completion of this area.]

- DESIGN 11, Design Foundations (3) (*formerly GR DES 31*)
- JOURN 13, News Photography (3) (*same as PHOTO 21*)
- JOURN 14, Photography for Publication (3) (*same as PHOTO 22*)
- PHOTO 7, Advanced Portfolio Development (3)
- PHOTO 13, News Photography (3) (*same as JOURN 21*)
- PHOTO 14, Photography for Publication (3) (*same as JOURN 22*)
- PHOTO 21, Alternative Photographic Processes (3) (*same as JOURN 13*)

- PHOTO 29, Video Production for Still Photographers (3)
 PHOTO 31, Lighting for People 1 (4)
 PHOTO 32, Lighting for People 2 (4)
 PHOTO 34, Capture to Composite (4)
 PHOTO 37, Advanced Black and White Printing Techniques (3)
 PHOTO 40, Digital Techniques (3)
 PHOTO 42, Advanced Photoshop (3)
 PHOTO 50, Basic Color Printing (3)
 PHOTO 64, Community Documentary Photography (4)
 PHOTO 88A, Independent Studies in Photography (1)
 PHOTO 88B, Independent Studies in Photography (2)
 PHOTO 88C, Independent Studies in Photography (3)
 PHOTO 90A, Photography Internship (1)
 PHOTO 90B, Photography Internship (2)
 PHOTO 90C, Photography Internship (3)
 PHOTO 90D, Photography Internship (4)

AREA B: Restricted Electives; Select 1 course from the following: (3 units)

- ART 10A, Design I (3)
 ART 10C, Digital Media (3)
 ART 20A, Drawing I – Introduction to Drawing (3)
 BUS 22, Introduction to Advertising (3)
 BUS 34A, Introduction to Digital Marketing (3)
 BUS 63, Principles of Entrepreneurship (3)

Photovoltaic Installation (Solar Energy Installation)

Solar energy systems are being installed in growing numbers at businesses and private residences. This growing demand is expected to increase the need for many new jobs and business opportunities in solar photovoltaic and thermal system design and installation, energy efficiency auditing, and Zero Net Energy (ZNE) homes and buildings. The program is designed to provide students with both the hands-on skills and the broader contextual knowledge necessary to gain successful employment in the burgeoning alternative energy industry. Students who complete this program will be qualified for jobs in a variety of different capacities including: PV installation, repairs, maintenance, solar design, and energy efficient auditing. With additional education and/or experience, students could pursue employment with one of the many public institutions working on alternative energy policy and ZNE homes, and/or could potentially start their own energy audit, energy management, solar design, or solar installation company.

Programs Offered:

- Solar Photovoltaic and Energy Efficiency Associate Degree
- Solar Photovoltaic Installation Certificate of Achievement (14 units)
- Basic Solar Photovoltaic Installation Department Certificate (8 units)
- See also Energy Efficiency

SOLAR PHOTOVOLTAIC AND ENERGY EFFICIENCY, ASSOCIATE DEGREE

Solar energy systems are being installed in growing numbers at businesses and private residences. This growing

demand is expected to increase the need for many new jobs and business opportunities in solar photovoltaic and thermal system design and installation, energy efficiency auditing, and Zero Net Energy (ZNE) homes and buildings. The program provides students with both the hands-on skills and the broader contextual knowledge necessary to gain successful employment in the burgeoning alternative energy industry. Students who complete this program will be qualified for jobs in a variety of different capacities including: PV installation, repairs, maintenance, solar design, and energy efficient auditing. With additional education and/or experience, students could pursue employment with one of the many public institutions working on alternative energy policy and Zero Net Energy (ZNE) homes, and/or could potentially start their own energy audit, energy management, solar design, or solar installation company.

This program prepares students to take the NABCEP (North American Board of Certified Energy Practitioners) Associate Exam and — with adequate job experience — the NABCEP Professional exam.

Program Learning Outcomes: Upon completion of the program, students will demonstrate proficiency in basic terminology (solar radiation, solar irradiance, solar insolation, solar constant, solstice, equinox, solar altitude angle, solar azimuth angle, solar incidence angle) Students will be able to explain how a solar cell converts sunlight into electrical power and distinguish between PV cells, modules, panels and arrays. Students will be able to identify the five key electrical output parameters for PV modules using manufacturers' literature (Voc, Isc, Vmp, Imp, and Pmp) and label points on a current-voltage (I-V) curve, as well as identify and apply regulatory codes when conducting energy assessments and/or site visits. Students will be able to recognize and identify local and state energy efficiency requirements/incentives for new and existing buildings; conduct Energy Utilization Analysis; and recognize mechanics and engineering of energy systems, including HVAC, lighting, and renewable energy systems.

Required Photovoltaic Courses:

- PV 11, Introduction to Solar Photovoltaics (3)
 PV 12, Photovoltaic Installation Exam Preparation (2)

Required Energy Efficiency Courses:

- ENERGY 1, Introduction to Energy Efficiency (3)
 ENERGY 2, Residential Building Science (3)
 ENERGY 90A, Energy Efficiency Internship (1)

Required Computer-Based Courses:

- ARC 21, Digital Communication 2 (3) (*formerly INTARC 28A/INTARC 35*)

or

- GEOG 20, Introduction to Geographic Information Systems (3) (*same as GIS 20*)

or

- GIS 20, Introduction to Geographic Information Systems (3) (*same as GEOG 20*)

Required Support Courses: Select 1 of the following: (3 units)

- BIOL 9, Environmental Biology (3)
 BUS 63, Principles of Entrepreneurship (3)
 ENVRN 7, Introduction to Environmental Studies (3) (*same as GEOG 7*)
 ENVRN 20, Environmental Ethics (3) (*same as PHILOS 20*)

ENVRN 22, Environmental Politics and Policies (3)
(same as POL SC 22)
 ENVRN 40, Environmental Psychology (3) *(same as PSYCH 40)*
 GEOG 7, Introduction to Environmental Studies (3)
(same as ENVRN 7)
 PHILOS 20, Environmental Ethics (3) *(same as ENVRN 20)*
 POL SC 22, Environmental Politics and Policies (3)
(same as ENVRN 22)
 PSYCH 40, Environmental Psychology (3) *(same as ENVRN 40)*

SOLAR PHOTOVOLTAIC INSTALLATION, CERTIFICATE OF ACHIEVEMENT

Solar energy systems are being installed in large numbers by utilities, businesses, and homes. This growing demand is increasing the need for many skilled workers in photovoltaic (PV) installation, PV design, and solar sales. This program provides students with both the hands-on skills and the broader contextual knowledge necessary to gain successful employment in the solar industry. Students who complete this program will be qualified for jobs in a variety of different capacities including: PV installation, repairs, maintenance, mid-to-upper level solar design, and sales. With additional education and/or experience, students could pursue employment with one of the many public institutions working on alternative energy policy and zero net energy (ZNE) homes, and/or could potentially start their own solar installation company.

This program prepares students to take the NABCEP (North American Board of Certified Energy Practitioners) Associate Exam and — with adequate job experience — the NABCEP Professional exam.

Program Learning Outcomes: Students will demonstrate proficiency in basic terminology (solar radiation, solar irradiance, solar insolation, solar constant, solstice, equinox, solar altitude angle, solar azimuth angle, solar incidence angle, semiconductor, circuit, inverter). Students will be able to explain how a solar cell converts sunlight into electrical power and how power is conditioned for use in buildings. Students will be able to identify the five key electrical output parameters for the I-V curve. Student will have achieved a mastery of basic computer-based systems that either assist in design of solar production equipment (computer aided design or CAD) or aid in geographic analysis of renewable resources (geographic information systems or GIS). Students will be able to apply appropriate regulatory codes when conducting energy efficiency requirements for new and existing buildings. Student will be proficient in conducting an energy utilization index (EUI) analysis. Students will be able to recognize the physical properties that consume or produce energy in residential and commercial energy systems, including HVAC, lighting, and renewable energy systems.

Required Photovoltaic Courses:

PV 11, Introduction to Solar Photovoltaics (3)
 PV 12, Photovoltaic Installation Exam Preparation (2)

Required Energy Efficiency Courses:

ENERGY 1, Introduction to Energy Efficiency (3)

Required Computer-Based Courses:

ARC 21, Digital Communication 2 (3) *(formerly INTARC 28A/INTARC 35)*

or

GEOG 20, Introduction to Geographic Information Systems (3) *(same as GIS 20)*

or

GIS 20, Introduction to Geographic Information Systems (3) *(same as GEOG 20)*

Required Support Courses; Select 1 of the following (3 units):

BIOL 9, Environmental Biology (3)
 BUS 63, Principles of Entrepreneurship (3)
 ENVRN 7, Introduction to Environmental Studies (3)
(same as GEOG 7)
 ENVRN 20, Environmental Ethics (3) *(same as PHILOS 20)*
 ENVRN 22, Environmental Politics and Policies (3)
(same as POL SC 22)
 ENVRN 40, Environmental Psychology (3) *(same as PSYCH 40)*
 GEOG 7, Introduction to Environmental Studies (3)
(same as ENVRN 7)
 PHILOS 20, Environmental Ethics (3) *(same as ENVRN 20)*
 POL SC 22, Environmental Politics and Policies (3)
(same as ENVRN 22)
 PSYCH 40, Environmental Psychology (3) *(same as ENVRN 40)*

BASIC SOLAR PHOTOVOLTAIC INSTALLATION, DEPARTMENT CERTIFICATE

This program offers courses in basic solar photovoltaic systems and an introduction to energy and energy efficiency principles. The required courses are intended to prepare students for entry-level positions in the home energy services sector, including site analysis of solar electric systems, basic energy auditing, and calculation of energy use intensities. Students will also be prepared to help property owners reduce and manage power demand and energy consumption. The program provides a foundation for further study and preparation for the North American Board of Certified Energy Practitioner (NABCEP) Associate exam.

This program, along with further study, would prepare students for careers related to Zero Net Energy (ZNE) homes, green buildings, or for design- and/or sales-related positions in and related to the energy efficiency, renewable energy, and the solar power industry.

Program Learning Outcomes: Students will demonstrate proficiency in basic terminology (solar radiation, solar irradiance, solar insolation, solar constant, solstice, equinox, solar altitude angle, solar azimuth angle, semiconductor, circuit, inverter). Students will be able to explain how a solar cell converts sunlight into electrical power and how power is conditioned for use in buildings. Student will be proficient in conducting an energy utilization index (EUI) analysis. Students will be able to identify the salient concerns related to safe and efficient energy use in the built environment and the issues that threaten the ecological conditions on the planet related to energy production and use.

Required Photovoltaic Courses: (8 units)

PV 11, Introduction to Solar Photovoltaics (3)
 PV 12, Photovoltaic Installation Exam Preparation (2)
 ENERGY 1, Introduction to Energy Efficiency (3)

Physics

Physicists study matter, energy, and the relationships between them and devise methods to apply laws and theories of physics to industry, medicine, and other fields. Some career titles include acoustic physicist, astrophysicist, engineer, satellite data analyst, and medical or nuclear physicist.

Programs Offered:

- Transfer Preparation
- See also Science: General Science

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Physics. For more information, visit pathwaysguide.universityofcalifornia.edu

Physiology

See *Biological Sciences*

Political Science

Political scientists study the origin, development, and operation of political systems and public policy. Some study the actions of foreign governments, political parties, or revolutionary movements. Others analyze topics such as public opinion, decision making, or the uses of ideology and public policy. They may conduct surveys, analyze election results, review Supreme Court decisions, or actions of legislative bodies, or analyze the content of media articles. Some do academic research, write, or teach. Others work on applied problems for federal agencies, legislative committees, or individual office holders/seekers. Some career possibilities include lawyer, politician, and director of polling and survey projects.

Programs Offered:

- Transfer Preparation
- Political Science Associate Degree for Transfer
- See also Public Policy

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agree-

ments with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Political Science. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the **Political Science Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Political Science AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml

POLITICAL SCIENCE, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts in Political Science for Transfer (AA-T) introduces students to the major fields of study in political science. The program includes the study of American politics (principles, institutions, and policies). Depending upon the student's chosen course of study, the program may also include comparative politics (institutional structures, processes, and political cultures), International Relations (structure and operation of the international system), and/or political philosophy (ideas about human nature, power, justice, and the state).

Upon completion of the Associate in Arts in Political Science for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into political science or similar majors for many campuses in the California State University system.

Program Learning Outcomes: Upon completion of the program, students will demonstrate, through written and oral academic work, an understanding of the principles, structure, and processes of the American political system, as well as, depending on the student's area of focus, an understanding of the institutional structures and processes of other countries, the structure and operation of international relations, and philosophic ideas about human nature, power, justice, and the state.

Required Core Course: (3 units)

POL SC 1, American and California Politics (3)

LIST A: Select 3 courses from the following: (9 units)

MATH 54, Elementary Statistics (4)

PHILOS 51, Political Philosophy (3) (*same as POL SC 51*)
 POL SC 2, Comparative Government and Politics (3)
 POL SC 7, International Politics (3)
 POL SC 51, Political Philosophy (3) (*same as PHILOS 51*)

LIST B: Select 2 courses from the following: (6 units)

Any course from List A not used above:

ECON 1, Principles of Microeconomics (3)
 ECON 2, Principles of Macroeconomics (3)
 ECON 5, International Political Economy: Introduction to Global Studies (3) (*same as GLOBAL 5 and POL SC 5*)
 ENGL 2, Critical Analysis and Intermediate Composition (3)
 ENVRN 14, U.S. Environmental History (3) (*same as HIST 14*)
 ENVRN 20, Environmental Ethics (3) (*same as PHILOS 20*)
 ENVRN 22, Environmental Politics and Policies (3) (*same as POL SC 22*)
 GEOG 2, Introduction to Human Geography (3)
 GEOG 8, Introduction to Urban Studies (3) (*same as URBAN 8*)
 GEOG 11, World Geography: Introduction to Global Studies (3) (*same as GLOBAL 11*)
 GLOBAL 5, International Political Economy: Introduction to Global Studies (3) (*same as ECON 5 and POL SC 5*)
 GLOBAL 11, World Geography: Introduction to Global Studies (3) (*same as GEOG 11*)
 HIST 1, History of Western Civilization I (3)
 HIST 2, History of Western Civilization II (3)
 HIST 10, Ethnicity and American Culture (3)
 HIST 11, The United States Through Reconstruction (3)
 HIST 12, The United States Since Reconstruction (3)
 HIST 13, The United States Since 1945
 HIST 14, U.S. Environmental History (3) (*same as ENVRN 14*)
 PHILOS 1, Knowledge and Reality (3)
 PHILOS 3, Early Philosophers (3)
 PHILOS 4, Modern Philosophers (3)
 PHILOS 7, Logic and Critical Thinking (3)
 PHILOS 20, Environmental Ethics (3) (*same as ENVRN 20*)
 PHILOS 48, Nonviolent Resistance (3)
 PHILOS 52, Contemporary Political Thought (3)
 POL SC 3, Introduction to Politics: Justice, Power and Agency (3)
 POL SC 5, International Political Economy: Introduction to Global Studies (3) (*same as ECON 5 and GLOBAL 5*)
 POL SC 8, The Modern Far East (3)
 POL SC 10, Government Internships (3)
 POL SC 11, World Affairs and the United States (3)
 POL SC 14, Middle East Government and Politics (3)
 POL SC 21, Race, Ethnicity, and the Politics of Difference (3)
 POL SC 22, Environmental Politics and Policies (3) (*same as ENVRN 22*)
 POL SC 23, Sex, Gender, and Power (3)
 POL SC 31, Introduction to Public Policy (3)
 POL SC 47, International Politics Seminar (3)
 POL SC 52, Contemporary Political Thought (3) (*same as PHILOS 52*)
 SOCIOL 1, Introduction to Sociology (3)

SOCIOL 1s, Introduction to Sociology – Service Learning (3)
 SOCIOL 2, Social Problems (3)
 SOCIOL 2s, Social Problems – Service Learning (3)
 SOCIOL 30, African Americans in Contemporary Society (3)
 SOCIOL 31, Latinas/os in Contemporary Society (3)
 SOCIOL 32, Asian Americans in Contemporary Society (3)
 SOCIOL 33, Sociology of Sex and Gender (3)
 SOCIOL 34, Racial and Ethnic Relations in American Society (3)
 URBAN 8, Introduction to Urban Studies (3) (*same as GEOG 8*)
or any course articulated as fulfilling CSU GE Area D

Portuguese

See Modern Languages

Professional Courses in Kinesiology/Physical Education

See Kinesiology/Physical Education

Psychology

The Associate in Arts in Psychology for Transfer (AA-T) involves the scientific study of human and animal behavior and mental processes, including cognition, emotion, sensation, perception, and interaction. The course of study provides students the opportunity to acquire skills in research, information gathering, analytical and critical thinking, problem solving, and written and verbal communication.

Program Learning Outcomes: Upon completion of the Associate in Arts in Psychology for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into a Psychology program for many campuses in the California State University system.

Programs Offered:

- Transfer Preparation
- Psychology Associate Degree for Transfer
Students may satisfy the requirements of this degree with approved courses (which may be fewer units) taken at other California Community Colleges. The courses below are SMC courses. If completed entirely at SMC, the academic path requires 19 units.

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org. A listing of private, nonprofit California colleges and universities can be found online at accu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

SMC offers the Psychology Associate Degree for Transfer. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Psychology AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/ad-search/search.shtml.

PSYCHOLOGY, ASSOCIATE DEGREE FOR TRANSFER

Program Learning Outcomes: Upon completion of the program, students will be able to identify, apply, and critique the use of the scientific method as it relates to the study of the human mind. Students should be capable of describing domains of psychology such as the relationship between the brain and behavior; patterns of thinking, memory, and learning; developmental and social influences; as well as atypical psychology and pathology.

Required Core Courses: (9 units minimum)

- MATH 54, Elementary Statistics (4)
- PSYCH 1, General Psychology (3)
- *PSYCH 7, Research Methods in Psychology (3)

*Students planning on transferring to CSULB should take the articulated course at one of the following community colleges for higher consideration for admission:

- El Camino: PSYCH 9B or SOC 109B
- Pasadena City College: PSYC 5
- Long Beach City College: PSYCH 2
- West Los Angeles College: PSYCH 74

LIST A: Select at least 1 of the following courses: (3 units minimum)

- BIOL 3, Fundamentals of Biology (4)
- PSYCH 2, Physiological Psychology (3)

LIST B: Select at least 1 of the following courses (3 units minimum)

- Any List A course not already used or any of the following courses:*
- ANATMY 2, Advanced Human Anatomy (4)
- CHEM 11, General Chemistry I (5)
- CHEM 12, General Chemistry II (5)
- CHEM 19, Fundamentals of General, Organic, and Biological Chemistry (5)
- CS 50, C Programming (3)
- CS 52, C++ Programming (3)
- ENGL 1, Reading and Composition 1 (3)
- ENGL 2, Critical Analysis and Intermediate Composition (3)
- HIST 47, The Practice of History (3)
- MATH 2, Precalculus (5)
- MATH 7, Calculus 1 (5)
- MATH 8, Calculus 2 (5)

- MATH 21, Finite Mathematics (3)
- MATH 28, Calculus 1 for Business and Social Science (5)
- PHILOS 7, Logic and Critical Thinking (3)
- PHILOS 9, Symbolic Logic (3)
- PHYSICS 6, General Physics 1 with Lab (4)
- PHYSICS 7, General Physics 2 with Lab (4)
- PHYSICS 8, Calculus-based General Physics 1 with Lab (4)
- PHYSICS 9, Calculus-based General Physics 2 with Lab (4)
- PHYSICS 21, Mechanics with Lab (5)
- PHYSICS 22, Electricity and Magnetism with Lab (5)
- PHYSICS 23, Fluids, Waves, Thermodynamics, Optics with Lab (5)
- PSYCH 11, Child Growth and Development (3)
- PSYCH 13, Social Psychology (3)
- PSYCH 19, Lifespan Human Development (3)
- SOCIOL 1, Introduction to Sociology (3)
- SOCIOL 1s, Introduction to Sociology – Service Learning (3)

LIST C: Select at least 1 of the following courses (3 units minimum)

Any List A or B course not already used or any of the following courses.

- ENVRN 40, Environmental Psychology (3) (*same as PSYCH 40*)
- PSYCH 3, Personality: Dynamics and Development (3)
- PSYCH 5, The Psychology of Communication (3)
- PSYCH 6, Marriage, Family, and Human Intimacy (3)
- PSYCH 14, Abnormal Psychology (3)
- PSYCH 25, Human Sexuality (3)
- PSYCH 35, Seminar on Contemporary Psychological Issues (3)
- PSYCH 40, Environmental Psychology (3) (*same as ENVRN 40*)

Public Policy

The Public Policy program consists of an interdisciplinary and multidisciplinary course of study that presents an overview of the development and implementation of important public policies affecting the lives of local, regional, and state residents. This program is designed to equip students with the skills and tools to successfully engage in civic debate and to critically evaluate and analyze the development and implementation of substantive public policies, while providing an opportunity to work with governmental and non-governmental organizations and agencies in a direct way.

For additional career possibilities, visit the Career Services Center on the main campus to utilize computerized career information systems and other valuable career resources.

Programs Offered:

- Transfer Preparation
- Public Policy Associate Degree
- Public Policy Certificate of Achievement (19 units)
- See also Political Science

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division

major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at *assist.org*.

A listing of private, nonprofit California colleges and universities can be found online at *aiccu.edu*. For articulation agreements between SMC and some of these institutions see *smc.edu/articulation*.

PUBLIC POLICY, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will demonstrate coherent and comprehensive analyses of the public policies affecting the lives of local, regional, and state citizens, and will be equipped with the skills and resources necessary for participation in civic life, including critical evaluation and analysis of policy options, policy development, and effective implementation strategies.

Required Core Courses: (7 units)

POL SC 1, American and California Politics (3)

or

POL SC 3, Introduction to Politics: Justice, Power and Agency (3)

POL SC 31, Introduction to Public Policy (3)

POL SC 95, Experiential Learning (1)

Critical Thinking and Communication:

AREA A: English Language and Critical Thinking (3 units)

BUS 32, Business Communications (3)

ENGL 1, Reading and Composition 1 (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

ENGL 31, Advanced Composition (3)

HIST 47, The Practice of History (3)

PHILOS 7, Logic and Critical Thinking (3)

AREA B: Oral Communication/Media Literacy: (3 units)

COM ST 11, Elements of Public Speaking (3)

COM ST 37, Intercultural Communication (3)

JOURN 1, The News (3)

MEDIA 1, Survey of Mass Media Communications (3)

MEDIA 2, Reading Media: Acquiring Media Literacy Skills (3)

MEDIA 10, Media, Gender, and Race (3)

WGS 30, Women, Gender, and Sexuality in Popular Culture (3) (formerly WOM ST 30)

SPECIALIZATION AREA: Students are required to take 2 courses WITHIN one of the following five (5) tracks: (6 units)
ARTS AND CULTURAL AFFAIRS TRACK

AHIS 3, Global Art History Since 1860 (3)

AHIS 11, Art Appreciation: Introduction to Global Visual Culture (3)

AHIS 72, American Art History (3)

DANCE 2, Dance in American Culture (3)

DANCE 5, Dance History (3)

DANCE 9, Dance Productions (3)

MUSIC 30, Music History I (3)

MUSIC 33, Jazz in American Culture (3)

MUSIC 36, History of Rock Music (3)

MUSIC 37, Music in American Culture (3)

TH ART 2, Introduction to the Theatre (3)

TH ART 5, History of World Theatre (3)

EDUCATION TRACK

ECE 11, Child, Family and Community (3)

ECE 19, Teaching in a Diverse Society (3)

ECE 45, Introduction to Children with Special Needs (3)

ECE 64, Health, Safety, and Nutrition for Young Children (3)

EDUC 12, Introduction to Elementary Classroom Teaching and Field Experiences (3)

LING 1, Introduction to Linguistics (3)

PSYCH 11, Child Growth and Development (3)

ENVIRONMENTAL TRACK

BIOL 9, Environmental Biology (3)

ENVRN 7, Introduction to Environmental Studies (3)
(same as GEOG 7)

ENVRN 20, Environmental Ethics (3) (same as PHILOS 20)

ENVRN 22, Environmental Politics and Policies (3)
(same as POL SC 22)

ENVRN 40, Environmental Psychology (3) (same as PSYCH 40)

GEOG 7, Introduction to Environmental Studies (3)
(same as ENVRN 7)

GEOG 14, Geography of California (3)

PHILOS 20, Environmental Ethics (3) (same as ENVRN 20)

POL SC 22, Environmental Politics and Policies (3)
(same as ENVRN 22)

PSYCH 40, Environmental Psychology (3) (same as ENVRN 40)

PUBLIC HEALTH TRACK

ECE 64, Health, Safety, and Nutrition for Young Children (3)

HEALTH 10, Fundamentals of Healthful Living (3)

HEALTH 60, Multicultural Health and Healing Practices (3) (same as NURSNG 60)

HEALTH 70, Integrative Health (3)

NURSNG 60, Multicultural Health and Healing Practices (3) (same as HEALTH 60)

NUTR 1, Introduction to Nutrition Science (3)

NUTR 7, Food and Culture in America (3)

PSYCH 8, Community Psychology (3)

PSYCH 13, Social Psychology (3)

URBAN/SOCIOECONOMIC TRACK

ADJUS 1, Introduction to Administration of Justice (3)

ECON 1, Principles of Microeconomics (3)

ECON 2, Principles of Macroeconomics (3)

ECON 6, Contemporary Economic Problems (3)

GEOG 8, Introduction to Urban Studies (3) (same as URBAN 8)

HIST 10, Ethnicity and American Culture (3)

POL SC 21, Race, Ethnicity, and the Politics of Difference (3)

POL SC 24, Introduction to Law (3)

PSYCH 8, Community Psychology (3)

PSYCH 13, Social Psychology (3)

SOCIOL 1, Introduction to Sociology (3)

or

SOCIOL 1s, Introduction to Sociology – Service Learning (3)

SOCIOL 2, Social Problems (3)

or

- SOCIOL 2s, Social Problems – Service Learning (3)

 SOCIOL 30, African Americans in Contemporary Society (3)
 SOCIOL 31, Latinas/os in Contemporary Society (3)
 SOCIOL 32, Asian Americans in Contemporary Society (3)
 SOCIOL 34, Racial and Ethnic Relations in American Society (3)
 URBAN 8, Introduction to Urban Studies (3) (*same as GEOG 8*)

Recycling and Resource Management

Recycling and resource management is among the largest and most rapidly growing industries in America. As more cities and businesses develop sustainability and zero waste policies, the need increases for personnel who can properly manage resource use and recycling. SMC's Recycling and Resource Management curriculum emphasizes an interdisciplinary approach, exploring recycling and resource management from a variety of perspectives and in a variety of settings. Core curriculum will provide students with an in-depth study of waste diversion and resource management, emphasizing cultural, community, and business applications. Courses cover governmental and organizational policies, practices, and procedures in waste and resource management, including best management practices and successful community and educational zero waste programs.

Programs Offered:

- Recycling and Resource Management Associate Degree
- Recycling and Resource Management Certificate of Achievement (18 units)
- Recycling and Zero Waste Department Certificate (12 units)

RECYCLING AND RESOURCE MANAGEMENT, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to plan, implement, and oversee waste management programs aimed at implementing Zero Waste principles and sustainability practices for individuals, businesses, and the communities. Additionally, students will demonstrate the ability to write proposals and policy using correct terminology, principles, and California legislation and regulations regarding waste.

recycling, sustainable resource management, and zero waste systems.

Required Courses: (12 units)

- RRM 1, Introduction to Recycling and Resource Management (3)
 RRM 2, Culture and Zero Waste (3)
 RRM 3, Resource Management and Zero Waste for Communities (3)
 RRM 4, Resource Management and Zero Waste for Business (3)

Restricted Electives: select 6 units from the following: (Please note that no more than 3 units of Counseling courses may be used to satisfy completion of this area.)

BIOL 9, Environmental Biology (3)

COUNS 16, Job Success Skills (1)

and

COUNS 90B, General Internship (2)

or

COUNS 90C, General Internship (3)

ENVRN 7, Introduction to Environmental Studies (3)
 (*same as GEOG 7*)

ENVRN 20, Environmental Ethics (3) (*same as PHILOS 20*)

ENVRN 22, Environmental Politics and Policies (3)
 (*same as POL SC 22*)

ENVRN 40, Environmental Psychology (3) (*same as PSYCH 40*)

GEOG 7, Introduction to Environmental Geography (3)
 (*same as ENVRN 7*)

PHILOS 20, Environmental Ethics (3) (*same as ENVRN 20*)

POL SC 22, Environmental Politics (3) (*same as ENVRN 22*)

PSYCH 40, Environmental Psychology (3) (*same as ENVRN 40*)

RECYCLING AND ZERO WASTE, DEPARTMENT CERTIFICATE

Recycling and Resource Management is among the largest and most rapidly growing industries in America. As more cities and businesses develop sustainability and zero waste policies, the need increases for personnel who can properly manage resource use and recycling. The Recycling and Resource Management curriculum emphasizes an interdisciplinary approach, exploring recycling and resource management from a variety of perspectives and in a variety of settings. Core curriculum will provide students with an in-depth study of waste diversion and resource management, emphasizing cultural, community, and business applica-

Recycling and Zero Waste Courses	Santa Monica College	Irvine Valley College	Golden West College
Introduction to Recycling and Resource Management	RRM 1	ENV 180	ENVS-G 141
Culture and Zero Waste	RRM 2	ENV 185	ENVS-G 142
Resource Management and Zero Waste for Communities	RRM 3	ENV 190	ENVS-G 144
Resource Management and Zero Waste for Business	RRM 4	ENV 195	ENVS-G 143

tions. Courses cover governmental and organizational policies, practices, and procedures in waste and resource management, including best management practices and successful community and educational zero waste programs.

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to plan, implement, and oversee waste management programs aimed at implementing zero waste principles and sustainability practices for individuals, businesses, and the communities. Additionally, students will demonstrate the ability to write proposals and policy using correct terminology, principles, and California legislation and regulations regarding waste, recycling, sustainable resource management, and zero waste systems.

Required Courses: (12 units)

- RRM 1, Introduction to Recycling and Resource Management (3)
- RRM 2, Culture and Zero Waste (3)
- RRM 3, Resource Management and Zero Waste for Communities (3)
- RRM 4, Resource Management and Zero Waste for Business (3)

Note: Golden West College and Irvine Valley College also offer a certificate in recycling and zero waste. The courses will be accepted at each institution in the manner shown on the Recycling and Zero Waste Courses chart below.

Respiratory Care

Respiratory Care Practitioners are healthcare professionals who specialize in providing optimal cardiopulmonary care to patients with disorders such as asthma, pneumonia, and COPD, and infants with immature lungs, etc. Santa Monica College's Respiratory Care Program is a two-year, Associate in Science Degree program accredited by the Commission on Accreditation for Respiratory Care (CoARC). Through transforming competency-based medical education curriculum, the program prepares the respiratory care practitioner of the future to possess great medical knowledge, apply it, and be clinically competent to provide high-quality care in challenging settings likely to be encountered upon entry into practice.

The SMC Respiratory Care Associate Degree program incorporates the latest respiratory equipment, high-fidelity simulators, skills laboratory, and clinical experience at top-rated clinical sites in the Greater Los Angeles area. The program prepares students for National Board for Respiratory Care's (NBRC) board exams and to earn the Registered Respiratory Therapist (RRT) credential. The RRT credential is required for licensure in the state of California. To earn the RRT credential, graduates must pass the Therapist Multiple Choice Exam (TMC) at the high threshold and the Clinical Simulation Exam (CSE).

Program Offered:

- Respiratory Care Associate Degree

RESPIRATORY CARE, ASSOCIATE DEGREE

Program Learning Outcomes: The primary goal of the program, according to the Commission on Accreditation for Respiratory Care, is to prepare graduates with demonstrated competence in the cognitive (knowledge), psycho-

motor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs). Upon completion of the program graduates will:

1. Demonstrate applied knowledge about biomedical and clinical sciences associated with the role of a new-graduate respiratory care practitioner;
2. Function as members of interdisciplinary teams, exhibit interpersonal and communication skills required to interact with diverse sets of healthcare professionals, patients, and their families;
3. Demonstrate critical thinking, reflection, and problem-solving skills consistent with the roles of a new-graduate respiratory care practitioner; and
4. Exhibit ethical behavior consistent with the role of a professional respiratory care practitioner.

Program Prerequisites: (21 units)

ANATMY 1, Human Anatomy (4)

CHEM 10, Introductory General Chemistry (5)

or

CHEM 19, Fundamentals of General, Organic, and Biological Chemistry (5)

HEALTH 61, Medical Terminology (3)

MCRBIO 1, Fundamentals of Microbiology (5)

PHYS 3, Human Physiology (4)

Students may apply to program while prerequisites are in progress; must complete with grade "C" or better before start of the program.

First Year:

NOTE: Once students are admitted to the program, an Education Plan is developed that must be followed.

FALL SEMESTER: (15 units)

RC 1, Fundamentals of Respiratory Care (2)

RC 1L, Applied Fundamentals of Respiratory Care (2)

RC 2, Integrated Respiratory Physiology and Pathophysiology I (2)

RC 2L, Applied Integrated Respiratory Physiology and Pathophysiology I (2)

RC 3, Respiratory Care Therapeutics (3)

RC 3L, Applied Respiratory Care Therapeutics (3)

RC 4, Physician Interaction I (1)

WINTER SESSION: (4 units)

RC 5, Integrated Respiratory Physiology and Pathophysiology II (2)

RC 5L, Applied Integrated Respiratory Physiology and Pathophysiology II (2)

SPRING SEMESTER: (12 units)

RC 6, Airway Management (2)

RC 6L, Applied Airway Management (3)

RC 7, Introduction to Mechanical Ventilation (2)

RC 7L, Applied Introduction to Mechanical Ventilation (4)

RC 8, Physician Interaction II (1)

Second Year:

SUMMER SESSION: (5 units)

RC 9, Intermediate Mechanical Ventilation (2)

RC 9L, Applied Intermediate Mechanical Ventilation (3)

FALL SEMESTER: (14.5 units)

- RC 10, Advanced Life Support and ICU Monitoring (2)
- RC 10L, Applied Advanced Life Support and ICU Monitoring (3)
- RC 11, Advanced Mechanical Ventilation (2)
- RC 11L, Applied Advanced Mechanical Ventilation (2)
- RC 12, Physician Interaction III (1)
- RC 13, Neonatal and Pediatric Respiratory Care (2)
- RC 13L, Applied Neonatal and Pediatric Respiratory Care (2)

SPRING SEMESTER: (11 units)

- RC 14, Outpatient Respiratory Care (1)
- RC 14L, Applied Outpatient Respiratory Care (2)
- RC 15, Respiratory Disease Management (2)
- RC 15L, Applied Respiratory Disease Management (2)
- RC 16, Transition to Independent Practice (2)
- RC 17, Physician Interaction IV (1)
- RC 18, Computer Assisted Clinical Simulations (1)

All program courses must be completed with a “C” grade or better to meet the CA Respiratory Care Board Licensure requirements. Students must obtain an Associate degree from Santa Monica College upon completion of the program requirements in order to meet minimum CA licensure requirements.

RESPIRATORY THERAPY, ASSOCIATE DEGREE (HISTORICAL)

The Respiratory Therapy Associate degree is available to students who enrolled at SMC in summer 2021 or earlier and who have maintained catalog rights. (See page 34 for definition of catalog rights.) For Respiratory Therapy Associate degree requirements, please see the 2021-22 SMC catalog.

Russian

See *Modern Languages*

Science

This program offers an interdisciplinary foundation in the natural sciences for students who wish to transfer to pursue their education and training at the upper-division (or advanced) level in biology, chemistry, earth sciences, environmental science, geology, mathematics, physics, and many others. It is a basic foundation for students who are preparing for careers in fields where scientific and technical skills are in demand, including health sciences, medicine, business, agriculture, education, and government.

Programs Offered:

- Transfer Preparation
- General Science Associate Degree
- See also Astronomy
- See also Biological Sciences
- See also Chemistry
- See also Geology
- See also Physics

TRANSFER PREPARATION

Students planning to transfer to a four-year college or university in a particular field of science should complete the lower-division major requirements and the general educa-

tion pattern for the specific transfer institution’s program. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

GENERAL SCIENCE, ASSOCIATE DEGREE

Program Learning Outcomes: Upon completion of the program, students will demonstrate through oral, written, and laboratory-based academic work knowledge of the physical and life sciences, and be prepared to pursue further study in a science major at the baccalaureate level. Students will be proficient in the scientific method, research, analytical, and communication skills necessary to present a critical analysis of scientific phenomena and devise solutions.

Select 18 units from the following three groups as specified below:

GROUP A: Mathematics (a minimum of 1 course of at least 3 units required):

ACCTG 45 (same as BUS 45)

BUS 45 (same as ACCTG 45)

MATH – 2, 3, 4, 7, 8, 10, 11, 13, 15, 18, 20, 21, 26, 28, 29, 32*, 41, 49, 50, 54

*if completed fall 2006 or later

GROUP B: Physical Science (a minimum of 1 course of at least 3 units required):

ASTRON – 1, 2, 3, 4, 5, 7, 8, 9, 10 (same as GEOL 10)

CHEM – all courses

GEOG 1, 3, 5, 35F, 35S

GEOL – all courses

PHYSICS – all courses

GROUP C: Life Sciences (minimum of 3 units)

At least 1 course required:

ANATMY – 1, 2

ANTHRO 1, 5, 9, 10

BIOL – all courses (except BIOL 81)

BOTANY – 1, 3

MCRBIO 1

NUTR 1

PHYS 3

PSYCH 2

ZOOL 5

Social Justice Studies, Gender Studies

The Associate Degree for Transfer (AA-T) in Social Justice Studies, Gender Studies involves the understanding of the history, sociology, and politics of women, gender, and sexuality in society. The program examines gender- and sexuality-based oppression throughout history, and also the ways in which women have taken power over their lives. Students will better understand the impact of women, gender, and sexuality on various cultures at various times, and evaluate changing social patterns and the effects of institutions and cultural assumptions. The program can lead to a variety of careers, including community organizer, political lobbyist,

and political strategist. This degree may also prepare the student for further study at the baccalaureate level.

Programs Offered:

- Transfer Preparation
- Social Justice Studies, Gender Studies Associate Degree for Transfer

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The University of California system has a transfer pathway for any UC campus that offers Sociology. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the Sociology Associate Degree for Transfer. Students completing this degree are eligible for priority transfer admission consideration in the majors at many California State University campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Social Justice Studies: Women, Gender, and Sexuality AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.shtml.

SOCIAL JUSTICE STUDIES, GENDER STUDIES, ASSOCIATE DEGREE FOR TRANSFER

Program Learning Outcomes: Upon completion of the program, students will demonstrate through oral and written work: 1) a familiarity with the basic principles from the field of women's, gender, and sexuality studies and feminist theories; 2) an understanding of intersectional perspectives — how identities such as race, sexuality, class, and ability inform and intersect with gender; and 3) a proficiency in the research, analytical, and communication skills necessary to present an analysis of gender-based challenges in the world today and the proposed solutions to these challenges.

Required Women's, Gender, and Sexuality Studies Core Courses: Select 2 of the following courses: (9 units)

- SOCIOL 33, Sociology of Sex and Gender (3)
- WGS 10, Introduction to Women's, Gender and Sexuality Studies (3) (formerly WOM ST 10)
- WGS 40, Introduction to LGBTQ Studies (3)

Required Social Justice Studies Core Course:

SOCIOL 34, Racial and Ethnic Relations in American Society (3)

Restricted Electives: Select 3 courses from at least 2 of the following areas:

NOTE: Only 1 course from Area 4 may be used.

Area 1: History or Government

HIST 52, The History of Women in American Culture (3)

Area 2: Arts and Humanities

ENGL 59, Lesbian and Gay Literature (3)

FILM 6, Women in Film (3)

Area 3: Social Sciences

ANTHRO 2, Cultural Anthropology (3)

ANTHRO 14, Sex, Gender, and Culture (3)

COM ST 36, Gender and Communication (3)

COM ST 37, Intercultural Communication (3)

ECON 8, Women in the Economy (3) (same as WGS 8)

MEDIA 10, Media, Gender, and Race (3)

PSYCH 6, Marriage, Family, and Human Intimacy (3)

PSYCH 25, Human Sexuality (3)

SOCIOL 1, Introduction to Sociology (3)

or

SOCIOL 1s, Introduction to Sociology – Service Learning (3)

SOCIOL 12, Sociology of the Family (3)

WGS 8, Women in Economy (3) (same as ECON 8)

WGS 20, Gender, Feminisms, and Social

Movements: A Global Approach (3) (formerly WOM ST 20)

WGS 30, Women, Gender and Sexuality in Popular Culture (3) (formerly WOM ST 30)

Area 4: Quantitative Reasoning and Research Methods

MATH 54, Elementary Statistics (4)

or

PSYCH 7, Research Methods in Psychology (3)

or

SOCIOL 4, Sociological Analysis (3)

Sociology

The Associate in Arts in Sociology for Transfer (AA-T) involves the scientific study of society, social institutions, and social relationships. The course of study provides students the opportunity to acquire skills in research, information gathering, analytical and critical thinking, problem solving, and written and verbal communication.

Programs Offered:

- Transfer Preparation
- Sociology Associate Degree for Transfer
- See also Liberal Arts – Social and Behavioral Science

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

The **University of California system has a transfer pathway** for any UC campus that offers Sociology. For more information, visit pathwaysguide.universityofcalifornia.edu

SMC offers the Sociology Associate Degree for Transfer. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Sociology AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/ad-search/search.html

SOCIOLOGY, ASSOCIATE DEGREE FOR TRANSFER

The Associate in Arts for Transfer (AA-T) is designed to facilitate transfer admission to a CSU in a similar major. Students considering transfer to a UC, private, or out-of-state school should consult a counselor regarding the transfer requirements of that institution.

Associate Degree for Transfer Requirements:

Completion of at least 60 CSU-transferable semester including:

- Completion of the academic or career path with a grade of C or higher in each course or with a P if the course was taken on a Pass/No Pass basis, and the P is equal to a C or higher (Title 5 §55063)
- Completion of either CSU GE or IGETC; students transferring to CSU using IGETC must complete Area 1C (see smc.edu/articulation or visit General Counseling & Transfer Services)
- A minimum of 12 degree-applicable semester units completed at SMC
- A minimum overall GPA of 2.0 in all CSU-transferable units Note: while a minimum GPA of 2.0 is required for admission to a CSU, some majors/campuses may require a higher GPA. Please consult with a counselor for details.)

Program Learning Outcomes: Upon completion of the program, students will demonstrate, through written and oral academic work, critical examination of the influence of social forces on groups and individuals, as well as the impact of groups and individuals on society. Students will be able to identify, apply, and critique the use of the scientific method as it relates to the study of society.

Required Introduction Courses: (3 units)

SOCIOLOG 1, Introduction to Sociology (3)

or

SOCIOLOG 1s, Introduction to Sociology – Service Learning (3)

Required Core Courses: Select 2 of the following courses: (6 units)

MATH 54, Elementary Statistics (4)

SOCIOLOG 2, Social Problems (3)

or

SOCIOLOG 2s, Social Problems – Service Learning (3)

SOCIOLOG 4, Sociological Analysis (3)

List A Electives: Select 2 of the following courses: (6 units)

Any course not used above

PSYCH 13, Social Psychology (3)

SOCIOLOG 12, Sociology of the Family (3)

SOCIOLOG 33, Sociology of Sex and Gender (3)

SOCIOLOG 34, Racial and Ethnic Relations in American Society (3)

List B Electives: Select 1 of the following courses: (3 units)

Any course not used above

Any course which satisfies CSU GE Area D

BUS 5, Business Law and the Legal Environment (3)

BUS 6, Advanced Business Law (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

HIST 47, The Practice of History (3)

PHILOS 7, Logic and Critical Thinking (3)

PHILOS 9, Symbolic Logic (3)

SOCIOLOG 30, African Americans in Contemporary Society (3)

SOCIOLOG 31, Latinas/os in Contemporary Society (3)

SOCIOLOG 32, Asian Americans in Contemporary Society (3)

Solar Photovoltaic Installation (Solar Energy Installation)

See Photovoltaic Installation

Spanish

The Associate in Arts in Spanish for Transfer (AA-T) prepares students to interact with the Spanish-speaking world by providing them with a foundation in the language, history, arts, culture, and literatures of the different countries that comprise it. As students complete this program, they acquire knowledge and skills that are applicable to diverse areas of study in the liberal arts as well as preparation for various professions that provide services or products for Spanish-speakers.

Upon completion of the Associate in Arts in Spanish for Transfer (AA-T), students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into Spanish or similar majors for many campuses in the California State University system.

Programs Offered:

- Transfer Preparation
- Spanish Associate Degree for Transfer
- See also Modern Languages

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

SMC offers the **Spanish Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Spanish AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.html

SPANISH, ASSOCIATE DEGREE FOR TRANSFER

Program Learning Outcomes: Upon completion of the program, students will demonstrate the ability to speak, understand, read, and write the Spanish language. As evidenced by written and oral communication, students will demonstrate a general understanding of the diverse cultures of Spanish-speaking countries, as well as Spanish and Latin American civilizations from ancient times to the modern era. In addition, students will demonstrate critical thinking abilities by examining issues that pertain to the diverse manifestations of Spanish language and culture throughout the world.

Required Core Courses: (15 units minimum)

SPAN 2, Elementary Spanish II (5)

or

SPAN 11, Spanish for Heritage Speakers I (5)

SPAN 3, Intermediate Spanish I (5)

or

SPAN 12, Spanish for Native Speakers 2 (5)

SPAN 4, Intermediate Spanish II (5)

If student “places out” of any of the above levels of Spanish, the following courses may be substituted: (up to 10 units)

Spanish Literature and Culture Advanced Placement

(AP) Exam score of 3 or higher (5)

ANTHRO 2, Cultural Anthropology (3)

ANTHRO 7, Introduction to Linguistic Anthropology (3)
 ANTHRO 14, Sex, Gender, and Culture (3)
 ANTHRO 21, Peoples and Power in Latin America (3)
 COM ST 35, Interpersonal Communication (3)
 COM ST 37, Intercultural Communication (3)
 ENGL 2, Critical Analysis and Intermediate Composition (3)
 ENGL 31, Advanced Composition (3)
 ENGL 53, Latino Literature in the United States (3)
 ENGL 57, Latin-American Literature (3)
 ENGL 58, Literature of Mexico (3)
 FRENCH 1, Elementary French I (5)
 FRENCH 2, Elementary French II (5)
 FRENCH 3, Intermediate French I (5)
 FRENCH 4, Intermediate French II (5)
 GEOG 2, Introduction to Human Geography (3)
 HIST 5, History of Latin America 1 (3)
 HIST 6, History of Latin America 2 (3)
 HIST 19, History of Mexico (3)
 HIST 42, The Latina/o Experience in the United States (3)
 HIST 43, Mexican-American History (3)
 HIST 47, The Practice of History (3)
 ITAL 1, Elementary Italian I (5)
 ITAL 2, Elementary Italian II (5)
 ITAL 3, Intermediate Italian I (5)
 MEDIA 46, Television Production (3)
 PORTGS 1, Elementary Portuguese 1 (5)
 SOCIOL 1, Introduction to Sociology (3)
 SOCIOL 1s, Introduction to Sociology – Service Learning (3)
 SOCIOL 31, Latinas/os in Contemporary Society (3)
 SOCIOL 33, Sociology of Sex and Gender (3)
 SOCIOL 34, Racial and Ethnic Relations in American Society (3)
 SPAN 8, Conversational Spanish (2)
 SPAN 9, The Civilization of Spain (3)
 SPAN 20, Latin American Civilization (3)

Restricted Electives: Select 1 of the following courses if not used above: (3 units minimum)

Spanish Literature and Culture Advanced Placement (AP) Exam score of 3 or higher (5)

COM ST 35, Interpersonal Communication (3)

ENGL 2, Critical Analysis and Intermediate Composition (3)

ENGL 31, Advanced Composition (3)

ENGL 53, Latino Literature in the United States (3)

ENGL 57, Latin-American Literature (3)

ENGL 58, Literature of Mexico (3)

FRENCH 1, Elementary French I (5)

FRENCH 2, Elementary French II (5)

FRENCH 3, Intermediate French I (5)

FRENCH 4, Intermediate French II (5)

HIST 5, History of Latin America 1 (3)

HIST 6, History of Latin America 2 (3)

HIST 19, History of Mexico (3)

HIST 42, The Latina/o Experience in the United States (3)

HIST 43, Mexican-American History (3)

HIST 47, The Practice of History (3)

ITAL 1, Elementary Italian I (5)

ITAL 2, Elementary Italian II (5)

ITAL 3, Intermediate Italian I (5)

MEDIA 46, Television Production (3)

SPAN 8, Conversational Spanish (2)

SPAN 9, The Civilization of Spain (3)
SPAN 20, Latin American Civilization (3)

Studio Arts

See Art

Sustainability Systems and Technology – Noncredit

Programs Offered:

- Sustainability Assistant Certificate of Completion (Noncredit)
- Sustainability in Organic Aide Certificate of Completion (Noncredit)
- Sustainability Services Technician Certificate of Completion (Noncredit)

SUSTAINABILITY ASSISTANT, CERTIFICATE OF COMPLETION (NONCREDIT)

This noncredit certificate program will introduce students to sustainability principles, community engagement, education and outreach, and policy and governance. Completion can provide a pathway to jobs as entry-level sustainability assistants and coordinators, community engagement representatives, researcher assistants, customer service representatives, and project management assistants. This program is not intended as a substitute for any credit certificate or associate degree. It is recommended that students have fluency in English or an intermediate or higher skill level in ESL.

Program Learning Outcomes:

- Demonstrate a general understanding of sustainability principles
- Identify occupational opportunities in industry and government
- Demonstrate a basic understanding of sustainability laws, including the approaches to plan and develop private and public policies in sustainability
- Develop an education and outreach goal, and a program to foster sustainable behaviors
- Develop an entrepreneurial mindset

Required Courses:

SST 901, Fundamentals of Sustainability (0)
SST 902, Sustainability Outreach (0)
SST 908, Impacts of Policy on Sustainability (0)

SUSTAINABILITY IN ORGANICS AIDE, CERTIFICATE OF COMPLETION (NONCREDIT)

This noncredit certificate program will introduce students to sustainability principles and practices in organics micro-composting, and sustainable food systems. Completion can provide a pathway to jobs as entry-level micro-composter operators, sustainable food system technicians, sales representatives, and entry-level managerial assistants. This program is not intended as a substitute for any credit certificate or associate degree. It is recommended that students have fluency in English or an intermediate or higher skill level in ESL.

Program Learning Outcomes:

- Demonstrate a general understanding of sustainability principles related to organics
- Demonstrate a basic understanding of how to implement organics sustainability into the workplace
- Develop a personal and occupational organics sustainability goal, and a plan to implement a program
- Develop an entrepreneurial mindset
- Identify occupational opportunities in industry and government

Required Courses:

SST 901, Fundamentals of Sustainability (0)
SST 905, Organics Recycling (0)
SST 909, Sustainable Food Systems (0)

SUSTAINABILITY SERVICES TECHNICIAN, CERTIFICATE OF COMPLETION (NONCREDIT)

This noncredit certificate program will introduce students to sustainability principles, including materials and environmental assessment methods, and clean technology systems and practices. Completion will provide a pathway to jobs as entry-level sustainability assessors, program technicians, sales representatives, and entry-level managerial assistants. This program is not intended as a substitute for any credit certificate or associate degree. It is recommended that students have fluency in English or an intermediate or higher skill level in ESL.

Program Learning Outcomes:

- Identify occupational opportunities in industry and government
- Demonstrate a basic understanding of how to implement sustainability into the work-place
- Develop a personal and occupational sustainability goal, and a plan to implement a program
- Develop an entrepreneurial mindset
- Demonstrate a general understanding of sustainability principles

Required Courses:

SST 901, Fundamentals of Sustainability (0)
SST 904, Sustainability Assessment (0)
SST 906, Introduction to Clean Technologies (0)

Theatre Arts

Theatre Arts can help prepare people for many career opportunities including work in the specific areas of theater production or performance as well as the related areas of advertising, television, film, recreation, education, and management. Theater managers manage theaters for stage productions or motion pictures. Related career titles include actor, director, costumer, script coach, stunt person, playwright, drama coach, set designer, business manager and instructor.

Programs Offered:

- Transfer Preparation
- Theatre Arts Associate Degree for Transfer
- Technical Theatre Associate Degree
- Theatre Associate Degree
- Technical Theatre Certificate of Achievement (19 units)
- Scenic Design and Construction Department Certificate (9 units)

- Stage Lighting, Sound and Projection Department Certificate (9 units)

TRANSFER PREPARATION

Many colleges/universities offer baccalaureate degrees in this field. Students planning to transfer to a four-year college or university should complete the lower-division major requirements and the general education pattern for the specific transfer institution. SMC has articulation agreements with the many UC and CSU campuses, as well as several private and out-of-state institutions.

Exact major requirements for UC and CSU campuses can be found online at assist.org.

A listing of private, nonprofit California colleges and universities can be found online at aiccu.edu. For articulation agreements between SMC and some of these institutions see smc.edu/articulation.

SMC offers the **Theatre Arts Associate Degree for Transfer**. Students completing this degree are eligible for priority transfer admission consideration in the majors at many **California State University** campuses. In addition, students will be required to complete no more than 60 semester/90 quarter CSU units of coursework after transfer to complete the baccalaureate degree.

NOTE: Students considering transfer to a UC, private, or out-of-state school should consult a counselor BEFORE applying to transfer, as the transfer requirements may be different from those required for the Theatre Arts AA-T.

The most current list of CSU campuses accepting this Associate Degree for Transfer is available online at calstate.edu/transfer/adt-search/search.html

THEATRE ARTS, ASSOCIATE DEGREE FOR TRANSFER

Upon completion of the Associate in Arts in Theatre Arts for Transfer, students will have a strong academic foundation in the field and be prepared for upper-division baccalaureate study. Completion of the degree indicates that the student will have satisfied the lower-division requirements for transfer into Theatre Arts or similar major for many campuses in the California State University system. This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440).

Students pursuing the Associate in Arts in Theatre Arts for Transfer will demonstrate, through written and oral academic work and performance skill, knowledge of the principles, concepts, and theories of theatre art and performance and be prepared to pursue further study in theatre arts or a similar major at the baccalaureate level at the California State University.

Program Learning Outcomes: Upon completion of the program, students will be able to evaluate and appreciate a theatrical performance by recognizing the inherent components that go into creating theatre, including the research involved, the collaboration among designers and directors, the rehearsal process, and the technical skills involved in making a play come to life. In addition, students will hone performance, design, analytical, or technical skills leading to performance in the capacity of at least one of the following: actor, director, stage manager, set/light/sound/costume/

make-up designer, stage technician, reviewer, educated audience member.

Required Core Courses: (6 units)

TH ART 2, Introduction to the Theatre (3)

or

TH ART 5, History of World Theatre (3)

TH ART 41, Acting I (3)

An additional 12 units are required with a minimum of 3 units from List A, and a minimum of 6 units from List B. The remaining 3 units may come from either list.

LIST A: Rehearsal and Performance or Technical Theatre Practicum: (3-6 units)

MUSIC 45, Music Theatre Workshop (3) *(same as TH ART 45)*

MUSIC 46, Production for the Younger Audience (3) *(same as TH ART 53)*

TH ART 18A*, Technical Theatre Production Workshop (1)

TH ART 18B*, Technical Theatre Production Workshop (2)

TH ART 18C*, Technical Theatre Production Workshop (3)

TH ART 45, Music Theatre Workshop (3) *(same as MUSIC 45)*

TH ART 50, Advanced Production – Full Play (3)

TH ART 53 Production for the Younger Audience (3) *(same as MUSIC 46)*

TH ART 55, Advanced Production – Small Theatre Venue (3)

Any combination of TH ART 18A, 18B, and/or 18C to total a maximum of 3 units

LIST B: Select courses from the following: (6-9 units)

MUSIC 45, Music Theatre Workshop (3) *(same as TH ART 45)*

MUSIC 46, Production for the Younger Audience (3) *(same as TH ART 53)*

TH ART 20, Stagecraft (3)

TH ART 22, Stage Lighting (3)

TH ART 26, Introduction to Stage Costuming (3)

TH ART 42, Acting II (3)

TH ART 45, Musical Theatre Workshop (3) *(same as MUSIC 45)*

TH ART 50, Advanced Production – Full Play (3)

TH ART 53, Production for the Younger Audience (3) *(same as MUSIC 46)*

TH ART 55, Advanced Production – Small Theatre Venue (3)

TECHNICAL THEATRE, ASSOCIATE DEGREE OR CERTIFICATE OF ACHIEVEMENT

The Technical Theatre Program provides rigorous academic instruction, hands-on practical training, and experiential learning in several areas of technical theatre production. Through coursework as well as practical work on theatrical productions, students are trained in stagecraft, stage lighting, stage sound, scenic and prop construction, stage management, stage costuming, and stage make-up. Students will work with advanced technology and materials in the use of intelligent lighting systems, audio equipment, video projection equipment, stage machinery, set construction, scenic painting, and costume construction and design. Internship, mentorships, and entry level job opportunities

in the industry are made available to candidates who meet and exceed expectations.

Program Learning Outcomes: Upon completion of the program, students will be able to evaluate and appreciate a theatrical performance by recognizing the inherent components that go into creating theatre, including the research involved, the collaboration among designers and directors, the rehearsal process, and the technical skills involved in making a play come to life. In addition, students will hone design and technical skills leading to performance in the capacity of at least one of the following: Stage Manager, Set/Light/Sound/Costume/Make-Up Designer, Stage Technician.

Required Introduction/History Courses: Select 3 units from the following:

- TH ART 2, Introduction to the Theatre (3)
- TH ART 5, History of World Theatre (3)

Required Stagecraft Course:

- TH ART 20, Stagecraft (3)

Required Production Workshop Courses: Select 3 units from the following:

- TH ART 18A, Technical Theatre Production Workshop (1)
- TH ART 18B, Technical Theatre Production Workshop (2)
- TH ART 18C, Technical Theatre Production Workshop (3)

Elective Courses: Select at least 10 units from the following:

- TH ART 21, Scenic Painting Techniques (3)
- TH ART 22, Stage Lighting (3)
- TH ART 23, Projection and Lighting Design (3)
- TH ART 25, Introduction to Theatrical Sound (3)
- TH ART 26, Introduction to Stage Costuming (3)
- TH ART 28A, Beginning Stage Make-Up (2)
- TH ART 28B, 3D and Theatrical Styles Make-Up (1)
- TH ART 31, Introduction to Stage Management (3)
- TH ART 32, Scenic Design (2)

THEATRE, ASSOCIATE DEGREE

The program provides instruction and training in the field of Theatre Arts. A comprehensive curriculum in acting, voice, movement, theatrical styles, theatre history, production, and technical theatre prepares students for university transfer and future careers. The program seeks to empower students at all levels to hone their performance, technical or critical/analytical skills through active and rigorous engagement in their areas of study. The program makes effort to instill a sense of responsibility in students and a desire for excellence in their craft.

The department's curriculum focuses on providing education and experience towards mounting theatrical productions. Performance related classes one skill enabling the actor to audition and perform with confidence. Technical Theatre classes provide students with the knowledge and skills to tackle various aspects of technical theatre. Department productions are student cast and run by student crews.

Program Learning Outcomes: Upon completion of this program, students will be able to evaluate and appreciate a theatrical performance by recognizing the inherent components that go into creating theatre, including the research involved, the collaboration among designers and directors,

the rehearsal process, and the technical skills involved in making a play come to life. In addition, students will hone performance, design, and analytical or technical skills leading to performance in the capacity of at least one of the following: Actor, Director, Stage Manager, Set/Light/Sound/Costume/Make-Up Designer, Stage Technician, Reviewer, Educated Audience Member.

Required Core Courses: (14 units)

- TH ART 5, History of World Theatre (3)
- TH ART 10A, Voice Development for the Stage (3)
- TH ART 15, Stage Movement for the Actor (1)
- TH ART 20, Stagecraft (3)
- TH ART 28A, Beginning Stage Make-Up (2)
- TH ART 41, Acting I (3)

Required Production Workshop Courses: (3 units minimum)

- TH ART 18A, Technical Theatre Production Workshop (1)
- TH ART 18B, Technical Theatre Production Workshop (2)
- TH ART 18C, Technical Theatre Production Workshop (3)

Technical Theatre Courses: Select 1 course from the following: (3 units)

- TH ART 21, Scenic Painting Techniques (3)
- TH ART 22, Stage Lighting (3)
- TH ART 23, Projection and Lighting Design (3)
- TH ART 25, Introduction to Theatrical Sound (3)
- TH ART 26, Introduction to Stage Costuming (3)
- TH ART 31, Introduction to Stage Management (3)

Advanced Performance Courses: Select 1 course from the following: (2 units)

- MUSIC 45, Musical Theatre Workshop (3) (*same as TH ART 45*)
- MUSIC 46, Production for the Young Audience (3) (*same as TH ART 53*)
- TH ART 10B, Advanced Voice Development for the Stage (3)
- TH ART 13, Stage Dialects (3)
- TH ART 14, Beginning Stage Combat (2)
- TH ART 16, Advanced Stage Movement for the Actor (2) (*same as TH ART 15B*)
- TH ART 38A, Beginning Stage Direction (3)
- TH ART 42, Acting II (3)
- TH ART 43, Acting, Historical Styles – Early (3)
- TH ART 44, Acting, Historical Styles – Late (3)
- TH ART 45, Musical Theatre Workshop (3) (*same as MUSIC 45*)
- TH ART 50, Advanced Production – Full Play (3)
- TH ART 52, Advanced Production – Musical Theatre (5)
- TH ART 53, Production for the Younger Audience (3) (*same as MUSIC 46*)
- TH ART 55, Advanced Production – Small Theatre Venue (1)

SCENIC DESIGN AND CONSTRUCTION, DEPARTMENT CERTIFICATE

This certificate provides rigorous academic instruction and practical training for students to attain skills and knowledge in Scenic Design and Construction.

Program Learning Outcomes: Upon completion of the program, students will demonstrate knowledge and basic

skills in the area of set building, construction, and painting techniques.

Required Courses:

- TH ART 18A, Technical Theatre Production Workshop (1)
- TH ART 20, Stagecraft (3)
- TH ART 21, Scenic Painting Techniques (3)
- TH ART 32, Scenic Design (2)

This is a stackable certificate. Additional coursework can lead to a Certificate of Achievement or an Associate degree in Technical Theatre.

STAGE LIGHTING, SOUND AND PROJECTION, DEPARTMENT CERTIFICATE

The Stage Lighting, Sound and Projection Certificate provides academic instruction, hands-on practical training and experimental learning in the specific areas of Lighting, Sound and Projection for Theatre and Live Events. Students will work with advanced technology and materials in the use of Intelligent Lighting Systems, Sound and Projection equipment.

Program Learning Outcomes: Upon completion of this Certificate, the student will:

1. Demonstrate analytical and technical skills in the areas of Stage Lighting, Sound and Projection for theatrical or Live Events.
2. Evaluate and appreciate a production by recognizing its inherent components including research, collaboration and the technical skills involved.

These core courses will introduce students to the areas of Theatrical and Live Event Sound, Lighting and Projection techniques:

- TH ART 22, Stage Lighting (3)
- TH ART 23, Projection and Lighting Design (3)
- TH ART 25, Introduction to Theatrical Sound (3)

This is a stackable certificate that can be used as a stepping stone toward obtaining a Certificate of Achievement or an Associate degree in Technical Theatre.

Transfer

See General Education

See Liberal Arts

See Science

Turkish

See Modern Languages

Urban Studies

See Geography

Women's Studies (Historical)

The Women's Studies Associate degree is available to students who enrolled at SMC in fall 2019 or earlier and who have maintained catalog rights. (See page 34 for definition

of catalog rights.) For Women's Studies Associate degree requirements, please see the 2016-17 SMC catalog.

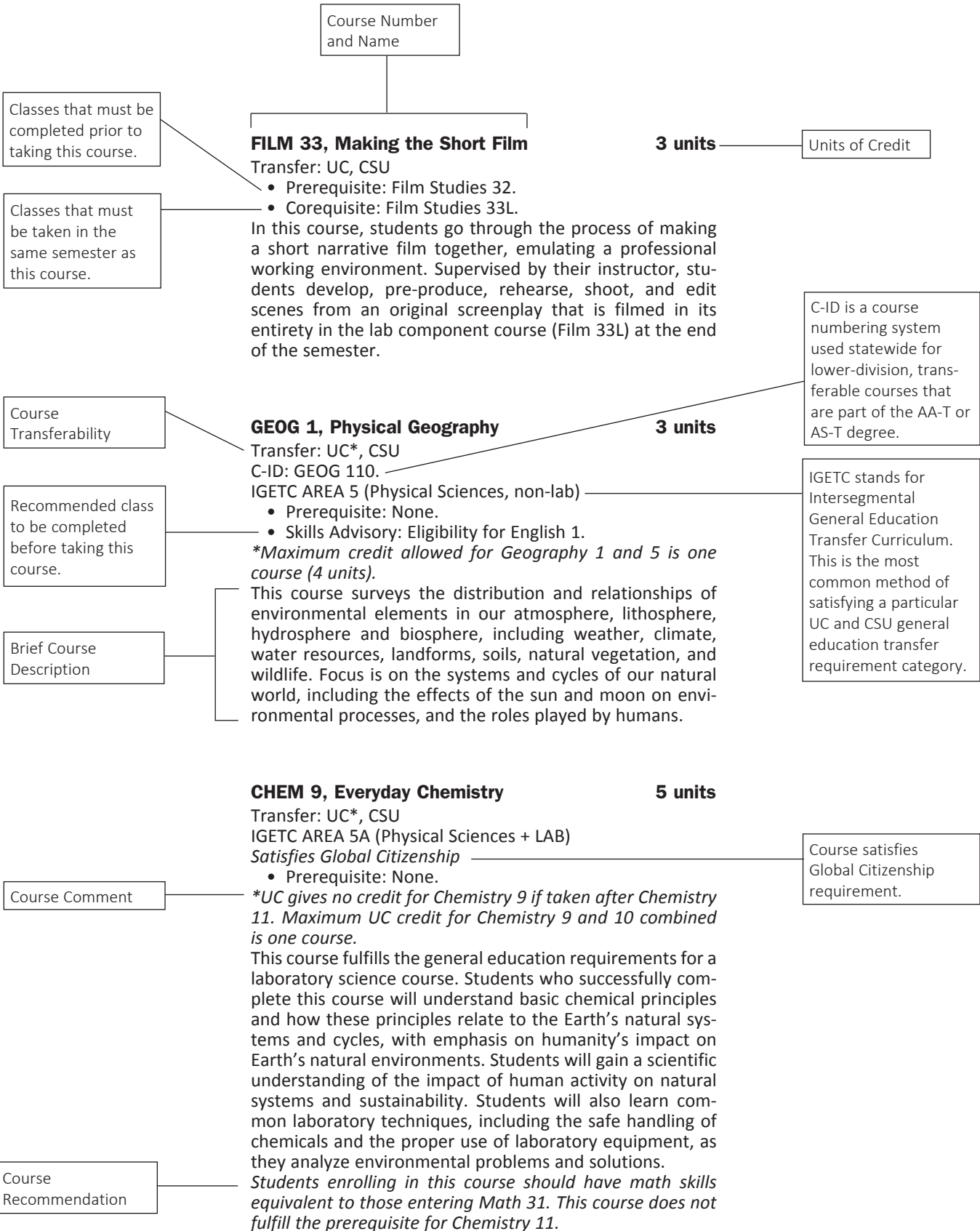
Zoology

See Biological Sciences

Course Descriptions



How to Read the Course Descriptions



Accounting

General accountants examine financial records of municipal, county, state, and federal agencies for compliance with laws. They record transactions, such as receivable, payable, payroll, property into a general ledger. Corporate accountants set up and design accounting/bookkeeping systems and procedures, risk management programs, tax law and finance methods, record financial transactions, and analyze and evaluate financial records for businesses. Their duties include interpreting financial information and preparing reports for business executives and government regulatory agencies. Advancement includes senior accountant, controller, treasurer, and chief financial officer positions.

ACCTG 1, Introduction to Financial Accounting **5 units**

Transfer: UC, CSU

C-ID: Students must take ACCTG 1 and 2 to earn the equivalent of C-ID ACCT 110.

- Prerequisite: None.
- Advisory: Math 20.

This course introduces the student to the sole proprietorship, partnership, and corporate forms of ownership. This course also familiarizes the student with recording, classifying and interpreting financial data for service and merchandising businesses. It includes a study of the journals, ledgers and financial statements used by these entities. Also covered are computerized accounting systems, internal control, ethics, cash, accounts and notes receivable, merchandise inventory, plant assets and intangible assets, liabilities, and equity accounts. Basic managerial accounting topics are also introduced.

ACCTG 2, Corporate Financial and Managerial Accounting **5 units**

Transfer: UC, CSU

C-ID: ACCT 120; Students must take ACCTG 1 and 2 to earn the equivalent of C-ID ACCT 110.

- Prerequisite: Accounting 1.

This course continues the study of introductory financial accounting principles begun in Accounting 1 and also covers introductory managerial accounting. The financial accounting portion of the course (2 units) covers the corporate form of business organization, bond financing, installment notes and other long-term liabilities, investments in debt and equity securities, international operations and the Statement of Cash Flows, corporate financial statement preparation and analysis and other GAAP and IFRS considerations. The managerial portion of the course (3 units) covers accounting concepts relevant to internal users rather than third party users of financial statements. Managerial accounting study includes full absorption and variable costing, cost accounting for job order and for mass produced goods (process costing), just-in-time, activity-based and total quality management approaches to costing manufacturing operations. Also studied are segment reporting, performance measurement, cost-volume-profit analysis, flexible budgeting, capital expenditure budgeting, standard costing, responsibility accounting, and decision making processes. Ethical issues surrounding these topics are also addressed.

ACCTG 6, Accounting Consolidations **3 units**

Transfer: CSU

- Prerequisite: ACCTG 2.
- Advisory: Accounting 10C.

This course begins with the study of business combinations and covers in depth the preparation of consolidated financial statements. This course also covers accounting for estates and trusts.

ACCTG 6 and ACCTG 7 may be taken in either order, or concurrently. It is not necessary to take ACCTG 6 prior to taking ACCTG 7.

ACCTG 7, Advanced Accounting: Special Topics **3 units**

Transfer: CSU

- Prerequisite: ACCTG 2.
- Advisory: Accounting 10C.

This course covers special accounting topics including accounting for foreign currency transactions, translation of foreign currency financial statements, accounting for partnerships, state and local governments, not-for-profit entities and accounting research.

ACCTG 6 and ACCTG 7 may be taken in either order, or concurrently. It is not necessary to take ACCTG 6 prior to taking ACCTG 7.

ACCTG 9, Accounting Ethics **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Accounting 1 or 21.

This course surveys professional ethics for the accounting profession in the context of ethical theory, the history of ethical thought, the nature of accounting, tax and auditing fiduciary responsibilities, the rules of accounting codes of conduct, financial statement representations and fraud, and the theoretical and practical application of ethical principles to business situations. Topics include ethical standards specific to the accounting profession, an examination of the balance between the competing interests of the accountant's roles as management consultant and reporter of financial information to third parties, and the interests of businesses, government and professional regulatory agencies and the public. Reading, writing, analysis and discussion are core elements of the class.

ACCTG 10A, Intermediate Accounting A **3 units**

Transfer: CSU

- Prerequisite: Accounting 2.

Basic pronouncements of the Financial Accounting Standards Board and their applications to accounting are covered in this course, along with cash, receivables, inventory, time value of money, and financial statements overview.

ACCTG 10B, Intermediate Accounting B **3 units**

Transfer: CSU

- Prerequisite: Accounting 2.
- Advisory: Accounting 10A.

This course includes study of the basic pronouncements of the Financial Accounting Standards Board and their applications to accounting. In this course, the following are covered in detail: revenue recognition, investments, land, buildings, equipment, intangible assets, current liabilities and contingencies, and long term liabilities.

ACCTG 10C, Intermediate Accounting C 4 units

Transfer: CSU

- Prerequisite: Accounting 2.
- Advisory: Accounting 10A.

This course includes study of the pronouncements of the Financial Accounting Standards Board and other primary source GAAP and their applications to accounting for corporations. The following are covered in detail in this course: investments, earnings per share, financial statement analysis, revenue recognition, accounting for income taxes, pensions, leases, and full disclosure in financial reporting.

ACCTG 11, Cost Accounting 3 units

Transfer: CSU

- Prerequisite: Accounting 2.

This course focuses on cost accounting theory with emphasis on job order and process cost accounting, accounting methods for material, labor, and factory overhead, and preparation of financial statements from cost data. Topics include cost management concepts, activity cost behavior, job order costing, process costing, budgeting, standard costing, cost/volume/profit analysis, and tactical decision-making.

ACCTG 12, Auditing 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Accounting 2.

This course covers the role and responsibility of certified public accountants in the audit of financial statements. Emphasis will be placed on verification of balance sheets and internal control of accounting systems and accounting cycles. Topics include AICPA and PCAOB auditing standards, professional ethics, legal liability, internal control, audit sampling and audit reports.

ACCTG 15, Individual Income Taxes 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Accounting 1 or 21.

Internal Revenue Service tax laws and regulations and accounting procedures are studied in this course to enable the tax professional to apply the information to completing federal individual income taxes.

ACCTG 16, Taxation of Corporations, Partnerships, Estates and Trusts 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Accounting 2.

This course covers tax laws and the reporting requirements of the Internal Revenue Service as applied to corporations, partnerships, estates and trusts.

ACCTG 17, Income Tax Preparation (CTEC-Approved) 4 units

Transfer: CSU

- Prerequisite: None.

This comprehensive course is intended for individuals to enter the tax profession and enable them to prepare individual tax returns for the general public, including individual taxpayers who operate sole-proprietor businesses. At the completion of the course, students will be able to prepare most individual tax returns and Schedule C for small business returns. This tax course is a qualified

course by the California Tax Education Council (CTEC) and fulfills the requirements to become a California Registered Tax Preparer (CRTP). In addition, this course may help you pass the IRS certification exam and participate in the IRS Volunteer Income Tax Assistance (VITA) program.

ACCTG 19A, IRS Volunteer Income Tax Assistance (VITA) Program – Tax Preparer 1 unit

Transfer: CSU

- Prerequisite: IRS Certification.

This course will allow students to prepare individual income tax returns to low-income individuals through the IRS VITA Program. Students will learn to use tax software to accurately prepare and file federal and state individual income tax returns within the scope of the VITA Program. Students will learn how to develop a system of quality control for tax returns and develop communication skills through interviews of taxpayers and explanations of tax return results.

ACCTG 21, Business Bookkeeping 3 units

Transfer: CSU

- Prerequisite: None.

This course surveys basic bookkeeping principles and practices and the use of records to help bookkeepers and business owners/managers better understand common business terms, transactions, and record keeping in small businesses. This course provides the student with the basic accounting concepts and procedures required for all businesses. Through lecture and problem solving, the student will learn to do a full set of books pertaining to a small business enterprise. Topics covered include analyzing and classifying business transactions, financial statements, worksheets and adjusting entries, bank reconciliations, payroll, specialized journals, and tax aspects of small businesses.

ACCTG 22, Advanced Bookkeeping 3 units

Transfer: CSU

- Prerequisite: Accounting 21.

This course is a continuation of ACCT 21, and this course extends the bookkeeping principles and practices to a merchandising enterprise. Through lecture and problem solving, students will learn how to account, manage and report merchandising activities for a small enterprise. Major topics covered are accruals and deferrals, financial statements and closing procedures, including specific topics in Accounts Receivable and Uncollectible Accounts, Notes Receivable and Payable, Inventory, and Property, Plant and Equipment and Partnership.

ACCTG 23, Payroll Accounting 3 units

Transfer: CSU

- Prerequisite: None.

Students will learn the fundamental skills and basic principles of business payroll. The focus of the course is primarily in payroll and personnel record keeping, calculation of gross pay using various methods, calculation of Social Security and Medicare taxes, calculation of federal and state income taxes, calculation of federal and state unemployment taxes, journalizing and posting payroll entries, and completing various federal and state forms.

ACCTG 31A, Excel for Accounting 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Accounting 1 or 21.

This course entails the detailed application of accounting principles using Excel. Topics include creating professional worksheets, the use of formulas and functions, charts, data tables, basic macros, and other Excel features with an emphasis on accounting as a financial analysis tool. Students that complete this course will be prepared to take the Microsoft Office Specialist certification exam.

This course uses Office 365.

ACCTG 31B, Advanced Excel for Accounting 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Accounting 31A.

This course includes the advanced application of Excel for accounting features. Topics include the use of complex Excel functions and formulas, advanced Charts, advanced database features, Consolidation, Data Validation, PivotTables and PivotCharts, an introduction to Visual Basic, Dashboards and Power BI, and other advanced Excel features with emphasis on accounting as a financial analysis tool. This class will prepare students for the Microsoft Office Expert certification exam.

This course uses Microsoft Office 365.

ACCTG 40A, Data Analytics for Accounting 3 units

Transfer: CSU

This course introduces students to data analytics for an accounting professional. This course will teach students how to answer accounting questions by accessing accounting data, extracting accounting data, visualizing the data and how to communicate the results with others. Students will learn the IMPACT model for structuring data analysis. The primary methods for extracting data will center on data requests using system reports, SQL and XBRL. The primary tools for analyzing the data will be Excel and Tableau.

ACCTG 40B, Auditing Analytics 3 units

Transfer: CSU

This course introduces students to the basis of the modern audit and audit data analytics. Students will learn the impact of automation on the audit planning process. In addition, students will learn to assess different types of audit analytical procedures and determine what procedures should be used in the audit. Students will learn to execute their audit testing procedures and interpret the audit data results. Students will learn to identify key performance indicators, and they will create a dashboard to monitor business results. The primary methods for extracting data will center on data requests using system reports, SQL and XBRL. The primary tools for analyzing the data will be Excel and Tableau.

ACCTG 45, Individual Financial Planning 3 units

Transfer: UC, CSU

- Prerequisite: Math 31.

This course provides students with the tools to achieve their personal financial goals. It will help them make informed decisions related to spending, saving, borrowing, and investing by training them to apply quantitative reasoning concepts to solve problems. Topics covered include personal financial planning; money management; tax strategy;

consumer credit; purchasing decisions; insurance; investing in stocks, bonds, and mutual funds; retirement; and estate planning.

Accounting 45 is the same class as Business 45. Students may earn credit for one, but not for both.

ACCTG 50, ERP System: Introduction to Accounting 3 units

Transfer: CSU

- Prerequisite: Accounting 1.

This course introduces an enterprise resource planning system such as SAP and how it is used as an accounting software to record the day-to-day business activities at major corporations. Through case studies and the review of major business processes, students will learn how SAP records the transaction including sales, distribution, invoices, cash receipts, purchases and payments.

ACCTG 88A, Independent Studies in Accounting 1 unit

Transfer: CSU

Please see "Independent Studies" section.

ACCTG 88B, Independent Studies in Accounting 2 units

Transfer: CSU

Please see "Independent Studies" section.

ACCTG 88C, Independent Studies in Accounting 3 units

Transfer: CSU

Please see "Independent Studies" section.

ACCTG 90A, Accounting Internship 1 unit

Transfer: CSU

Please see "Internships" section.

ACCTG 90B, Accounting Internship 2 units

Transfer: CSU

Please see "Internships" section.

Administration of Justice

Students prepare for careers in local, state and federal law enforcement; security; and courtroom operations. Our courses familiarize students with the American justice system, crime causes, the role of administration of justice practitioners, the role of law enforcement, evidence procedures, juvenile procedures, and criminal law. Students apply principles of the justice system; constitutional and procedural considerations affecting an arrest, and search and seizure; human relations; and concepts of criminal law.

AD JUS 1, Introduction to Administration of Justice 3 units

Transfer: UC, CSU

C-ID: AJ 110.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.

This course provides students with an overview of the characteristics of the criminal justice system in the United States. An emphasis is placed on examining the structure and functions of the police, courts and corrections. The following additional topics are explored: the origins of criminal law, theories of crime, the adjudication of a criminal case,

measurement of crime, the evolution of the principles and approaches utilized by the justice system, the social impact of crime, sentencing policies and related subject areas.

AD JUS 2, Concepts of Criminal Law **3 units**

Transfer: UC, CSU
C-ID: AJ 120.

- Prerequisite: None.

This course examines the doctrines of criminal liability in the United States. It covers topics which include the sources of law, the elements of a crime, the classification of crime, the nature of credible evidence, the adversary system, criminal defenses and related subjects. The course utilizes case studies to ascertain and analyze the concepts of criminal law. It also provides a foundation for upper division criminal justice courses.

AD JUS 3, Legal Aspects of Evidence **3 units**

Transfer: CSU
C-ID: AJ 124.

- Prerequisite: None.

This course explores types of evidence and legal rules governing its admission and exclusion in a criminal court proceeding. A special emphasis is placed on examining the key rules pertaining to witness competency, privileged communications, confessions, hearsay statements and identification procedures. Case studies and judicial decisions interpreting the evidence rules are also included.

AD JUS 5, Criminal Investigation **3 units**

Transfer: CSU
C-ID: AJ 140.

- Prerequisite: None.

This course examines the basic principles, procedures and ethical challenges involved in criminal investigation. The topics covered include the organization of the investigative process, scientific analysis of physical evidence, crime scene management, documentation of evidence, interviews and interrogation, sources of information, surveillance, and the role of the investigator in the trial process.

AD JUS 8, Juvenile Procedures **3 units**

Transfer: CSU
C-ID: AJ 220.

- Prerequisite: None.

This course provides an overview of the development and organization of the juvenile justice system in the United States. The course explores topics such as the history of this system, the measurement of juvenile delinquency, California laws relating to delinquency and dependency, constitutional protections afforded through case decisions, juvenile court proceedings and related subject areas.

AD JUS 11, Introduction to Forensics **3 units**

Transfer: CSU
C-ID: AJ 150.

This course provides students with an overview of the role of forensics in criminal investigations. This course explores topics such as crime scene analysis versus crime scene processing, examination of pattern evidence, principles of fingerprint identification, analysis of firearm and tool mark evidence, collection and preservation of DNA evidence, evaluation of questioned documents, and related subjects.

AD JUS 67, Community and the Justice System **3 units**

Transfer: CSU
C-ID: AJ 160.

This course analyzes the dynamic relationship between the justice system and the community in addressing crime. Special attention is focused on the challenges and prospects of administering justice within a diverse multicultural population as well as strategies for resolving conflict. Additional topics covered include the evolving nature of multiculturalism, demographics of interest communities, community policing, courts and the community, among others.

American Sign Language

For noncredit American Sign Language courses, please see "Counseling-Adult Education."

ASL 1, American Sign Language 1 **5 units**

Transfer: UC, CSU
IGETC Foreign Language (required for UC only)
Satisfies Global Citizenship

- Prerequisite: None.

This is an introductory course of American Sign Language (ASL) with an emphasis on signing, receptive skills, signing parameters, the glossing system and numbers. This course provides a historical introduction, cultural awareness and cross-cultural adjustment skills. Non-verbal communication is emphasized. Homework assignments will include, but are not limited to, attendance and involvement at community events.

ASL 2, American Sign Language 2 **5 units**

Transfer: UC, CSU
IGETC AREA 3B (Arts and Humanities), Foreign Language (required for UC only)
Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: American Sign Language 1*.

**The advisory for this course is comparable to two years of high school American Sign Language.*

This course is a continuation of ASL 1. Instruction will include further studies of the elementary skills for the fundamentals of ASL: grammar, receptive, and expressive. There will also be extensive instruction on the Deaf Culture and Community, which will be presented in readings, videos and discussion in ASL. Non-verbal communication is emphasized.

ASL 99, Applied Learning in ASL **1 unit**

Transfer: CSU
Corequisite: Any course in ASL.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material

to their experience, students develop a deeper understanding of the discipline.

Animation

The Animation program prepares students for careers in the entertainment industry through comprehensive, hands-on training. The program is designed to meet the industry's need for creative professionals who excel in developing ideas and have the technical proficiency to execute them. Our instructors are experienced professionals who bring first-hand knowledge of industry practices to the classroom and work in close collaboration with industry advisors to keep up with trends and changing requirements. In addition, participating companies often provide guest speakers and student internships. We offer day, evening and weekend classes to provide educational opportunities to all students. In addition, select courses are offered online through Distance Education. Students who are interested in the Animation program are strongly encouraged to schedule an appointment with one of the counselors at the Center for Media and Design campus to develop an Educational Plan. This is to ensure that you are taking the necessary courses to meet your educational goals. To learn more, please visit smc.edu/designtech.

Students interested in independent studies or internships for the Animation program may enroll in the Entertainment Technology (ET) 88 or 90 series of courses. Please speak with the Design Technology Department Chair or an Academic Counselor at the CMD for more information.

ANIM 1, Storytelling **3 units**

Transfer: CSU

Formerly Entertainment Technology 2.

This introductory course prepares students to create effective stories for entertainment projects through an understanding of the fundamentals of storytelling and story structure. Covering a broad history of story from cave paintings to video games, the course will explore archetypal figures and motifs as well as the evolution of hero myth narratives. Emphasis will be placed on the social and cultural impact of modern storytelling.

ANIM 2, 2D Animation Fundamentals **3 units**

Transfer: CSU

Formerly Entertainment Technology 19.

This introductory course provides a basic overview of the tools used in the creation of 2D digital animation. Through lectures and hands-on projects, students will learn the core principles of 2D animation and be introduced to 2D animation software. This course serves as a foundation for advanced courses in 2D and 3D animation.

ANIM 3, 3D Fundamentals **3 units**

Transfer: CSU

Formerly Entertainment Technology 24.

This introductory course provides a basic overview of the tools used in the creation of 3D digital animation. Topics covered include modeling, character rigging, animation, shading, lighting and rendering. This course emphasizes the fundamental concepts of 3D digital animation as well as an understanding of the software. In addition to completing

weekly exercises, students will apply the skills they learn to create an individual project.

This course uses Autodesk Maya.

ANIM 3A, Introduction to 3D Animation **2 units**

Transfer: CSU

Formerly Entertainment Technology 24A.

This course provides a basic introduction to 3D animation, and is intended for students to gain a general understanding of 3D software. ANIM 3A is not equivalent to ANIM 3, 3D Fundamentals.

This course uses Autodesk Maya.

ANIM 4, Digital Storyboarding **3 units**

Transfer: CSU

Formerly Entertainment Technology 18.

This introductory course explores the fundamentals of the storyboarding process used in the entertainment industry. Through the use of computer software and the digital drawing tablet, students will learn the basic principles of visual storytelling including techniques such as staging, composition and camera movement. The class will analyze and discuss the various applications of digital storyboarding for games, web, 2D and 3D animation, and visual effects.

ANIM 5, History of Animation **3 units**

Transfer: UC, CSU

IGETC AREA 3A (Arts)

Formerly Entertainment Technology 61.

This course will explore the history of animation through its earliest beginnings to the present. In addition to the chronological order of events, this course will look at the multi-faceted aspects of this relatively modern art form. The influences of economics and social/political pressures on the art form will be examined. Included will be the study of individual animators and studios, big and small; different art techniques, materials 2D and 3D. The class will also examine the principles of movement and how they apply to the zoetrope as well as the computer.

ANIM 10, Quick-Sketch and Rapid Visualization **2 units**

Transfer: CSU

Formerly Entertainment Technology 93.

The major emphasis in this course will be the ability to draw clear, credible, and simplified representations of complex visual phenomena. These phenomena include the human figure at rest or in motion and the spatial environment for these figures and their actions. Students will use a variety of media, some of which will be applicable spontaneous reactions to action events. Skill development will include the ability to visualize and invent figures and environments from a variety of viewing angles and light conditions.

ANIM 11, Figure Drawing **2 units**

Transfer: CSU

Formerly Entertainment Technology 89.

Students completing this course will have a familiarity with all major issues involved in drawing and visualizing the figure as an animate, three-dimensional form, and will have developed perceptual and manual skills equal to the challenge of understanding the human body as a structure in space, in both static and dynamic modes. Comprehension of figure structure will be both anatomical and perspectival with special emphasis on developing a model of the human

figure that can be easily visualized in the imagination and adapted for use in animation and related disciplines.

ANIM 12, Figure in Motion **3 units**

Transfer: CSU

Formerly Entertainment Technology 92.

This foundation course helps 2D and 3D animators to understand key poses and breakdown poses by drawing the figure in motion. Students will learn to visualize and render the figure three-dimensionally as it moves through space. Emphasis is placed on construction, volume, gestures and posing as the figure moves through a given action.

ANIM 13, Costumed Figure Drawing **2 units**

Transfer: CSU

Formerly Entertainment Technology 96.

Students who successfully complete this course will learn to both understand and predict the physical correlation between the figure and its costume, acquiring in the process knowledge of the structural topology of draping. Attention will be given to the planar surface structure (tonal and directional) of draped fabric in relation to linear perspective and light source.

ANIM 14, Animal Drawing **2 units**

Transfer: CSU

Formerly Entertainment Technology 95.

This course provides students with a working understanding of animal anatomy and movement and its comparison to human anatomy and movement. Students will develop skills in proportional and perspective analysis of animal forms. This class will teach students to sketch a variety of animals both from life and from other visualization techniques.

ANIM 18, Perspective Drawing **2 units**

Transfer: UC, CSU

Formerly Entertainment Technology 91.

This course focuses on the principles of three-dimensional drawing. Emphasis is placed on fundamental concepts such as diminution, foreshortening, convergence and shading. Concepts such as horizon lines, vanishing points, and picture planes will be covered. Perspective drawing methods will be applied to rendering interiors, exteriors, objects and figures.

ANIM 19, Color Theory and Application **2 units**

Transfer: CSU

Formerly Entertainment Technology 94.

Students in this course will study the development of color perception, harmony, expression, visualization, and the application of color in traditional and digital imagery using a 2D, 3D, or 4D format through a series of problem-solving exercises and projects.

ANIM 20, Intermediate 2D Animation **3 units**

Transfer: CSU

- Advisory: Animation 2.

Formerly Entertainment Technology 19B.

This course allows students to further their understanding and application of the core principles of animation including squash and stretch, anticipation, staging, overlapping action, arcs, timing, and exaggeration through lectures and hands-on projects. Students will also be introduced to the basics of lip-sync and character animation.

ANIM 21, Advanced 2D Animation **3 units**

Transfer: CSU

- Advisory: Animation 20.

Formerly Entertainment Technology 23.

This advanced 2D animation course is an in-depth analysis of emotion and acting principles as applied to a digital character. Emphasis will be placed on creating convincing performance animation in which characters think, feel, and speak.

ANIM 22, 2D Digital Production **3 units**

Transfer: CSU

- Advisory: Animation 20.

Formerly Entertainment Technology 75.

This course covers the digital production pipeline for producing 2D animated short films, commercials, TV series, and feature-length films. Students will have hands-on experience with the following stages of digital production: scanning, timing, clean-up, ink and paint, background painting, sound design, camera movement and compositing. Asset management of digital files will also be covered.

ANIM 23, 2D Web Animation **3 units**

Transfer: CSU

- Advisory: ANIM 2.

Formerly Entertainment Technology 34.

This class focuses on all aspects of creating 2D animation for the web, giving special attention to characters and graphics. Students learn the tricks of controlling file size, special approaches for importing and creating animation, and all other production techniques needed for building complete web animation projects.

This course uses Adobe Animate CC.

ANIM 30, Intermediate 3D Animation **3 units**

Transfer: CSU

- Advisory: Animation 3.

Formerly Entertainment Technology 24B.

This course focuses on the core principles of animation as applied to 3D characters, covering techniques including posing, timing, weight, anticipation, squash and stretch, overlapping action, and staging.

ANIM 31, Advanced 3D Animation **3 units**

Transfer: CSU

- Advisory: Animation 30.

Formerly Entertainment Technology 24C.

This course focuses on advanced principles of 3D character animation. Students will learn to create effective performance animation using the fundamentals of acting, staging and exaggeration. Advanced topics such as facial animation, lip-synch and motion capture will also be covered.

This course uses Autodesk Maya.

ANIM 32, Digital Previsualization **3 units**

Transfer: CSU

- Advisory: Animation 30.

Formerly Entertainment Technology 24D.

In this course, digital previsualization will be covered through the process of using virtual cameras, characters and environments to visualize complex shots or sequences before final production begins. Students will use digital tools along with traditional filmmaking techniques to create compelling 3D cinematic sequences for entertainment

projects. Topics covered include shot composition, camera rigging and movement, staging, timing, and editing.

ANIM 35, 3D Modeling **3 units**

Transfer: CSU

- Advisory: Animation 3.

Formerly Entertainment Technology 25.

This course provides an overview of the production process used to create digital assets for pre-rendered and real-time entertainment projects. Using industry-standard tools and methods, students will learn to create production-ready 3D models. Hard surface modeling and UV mapping workflows will be covered. Students will also learn the basic principles of 3D texture mapping as well as methods for optimizing models for 3D game engines. This course uses Autodesk Maya, Algorithmic Substance Painter and Unity.

ANIM 36, 3D Texturing and Rendering **3 units**

Transfer: CSU

- Advisory: Animation 3.

Formerly Entertainment Technology 26.

This course provides an overview of the tools and methods used to texture, light and render 3D characters and environments for pre-rendered or real-time scenes. Areas covered include surface materials, UV mapping, texturing, scene lighting, and rendering for production or portfolio development.

This course uses Adobe Photoshop, Algorithmic Substance Painter, Autodesk Maya and Unity.

ANIM 37, 3D Character Creation **3 units**

Transfer: CSU

- Advisory: Animation 35.

Formerly Entertainment Technology 25B.

This course covers digital character creation techniques from basic design principles to advanced digital sculpting techniques. Students will explore the aesthetic and psychological aspects of design in order to create compelling and original character and creature concepts. Students will also learn the technical aspects of creating 3D character assets from basic stylized characters to high-end, realistic digital sculptures.

This course uses Adobe Photoshop, Autodesk Maya, and Pixologic ZBrush.

ANIM 38, 3D Character Rigging **3 units**

Transfer: CSU

- Advisory: Animation 35.

Formerly Entertainment Technology 25C.

This course covers the technical aspects of creating effective animation controls for 3D characters. Using industry-standard tools and methods, students will develop intuitive and efficient character rigs. The use of deformers, constraints, expressions, scripts, utility nodes and kinematic controls will be covered. Students will also be introduced to advanced topics such as skinning, deformations, and facial rigging.

This course uses Autodesk Maya.

ANIM 40, Character Design **3 units**

Transfer: CSU

- Advisory: Animation 4.

Formerly Entertainment Technology 21A.

This course explores the process of designing compelling characters for entertainment projects. Students will learn

how to develop characters in a variety of styles for 2D and 3D animation production. The course will emphasize the importance of self-expression in character design, and enable students to develop an effective personal style.

ANIM 41, Environment Design **3 units**

Transfer: CSU

- Advisory: Animation 18 and Animation 19.

Formerly Entertainment Technology 21B.

This course explores the process of designing compelling environments for entertainment projects. Students will develop strategies to understand, evaluate and create a variety of environments for 2D and 3D production. Topics covered include visual composition, perspective drawing, digital cinematography, and designing for interactive and virtual environments.

ANIM 42, Prop and Vehicle Design **3 units**

Transfer: CSU

- Advisory: Animation 18 and Animation 19.

Formerly Entertainment Technology 21C.

This course explores the process of designing compelling props and vehicles for entertainment projects. Students will learn how to visually develop concepts from initial sketches to final renderings of objects from the everyday mundane to the fantastic. Emphasis is placed on principles of three-dimensional drawing and the application of design research.

ANIM 75, Career Development **2 units**

Transfer: CSU

Formerly Entertainment Technology 72.

This course provides an overview of the strategies and techniques to develop a career within the entertainment industry, which includes jobs in the production of live action, animation, game, interactive, internet, visual effects, as well as performance and other entertainment fields. Students will learn to identify and research potential career paths in these various industries. They will develop personal marketing tools, such as resume, cover letter and other presentation materials (i.e. demo reels, personal websites, portfolios, etc.), that will help to brand and promote them into the industry. Networking skills and interviewing techniques will prepare them for any entry-level position in the entertainment industry.

ANIM 80, Visual Development Studio **3 units**

Transfer: CSU

- Advisory: Animation 4 and Animation 40.

Formerly Entertainment Technology 20.

This course covers the creation of an individual visual development portfolio for transfer or entry-level employment in the animation industry. Students will visually develop an idea using the pre-production process established by the entertainment industry. Areas covered by this course include story development, writing, concept art, character and background development, storyboarding, layout, sound design, and timing. Students will create an individual story bible, a style guide and an animatic of their project. The course will also examine the differences in the design process for film, broadcast and video game production.

ANIM 85, Animation Studio **3 units**

Transfer: CSU

- Advisory: Animation 21 or Animation 31 or Animation 37.

Formerly Entertainment Technology 30.

This course covers the design and production of an individual portfolio for transfer or entry-level employment in the animation industry. Students may collaborate in small groups or work individually, but each student will be responsible for developing an effective portfolio from original content. Projects may focus on any aspect of 2D or 3D animation production.

Anthropology

Anthropology is a diverse discipline involving the humanities, social sciences and natural sciences that examines various aspects of past and present-day humans. It consists of four fields: Archaeology, Cultural Anthropology, Linguistic Anthropology, and Physical Anthropology. Archaeology examines past human cultures through material culture. Cultural Anthropology focuses on sociocultural variation among humans. Linguistic Anthropology examines how language influences society and culture. Physical Anthropology studies the biological and behavioral aspects of humans within an evolutionary framework.

ANTHRO 1, Biological Anthropology **3 units**

Transfer: UC*, CSU

IGETC AREA 5B (Biological Sciences, non-lab)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**Maximum credit allowed for Anthropology 1 and Anthropology 5 is one course (4 units).*

A survey of human biology, this course focuses on human origins and evolution by investigating the major aspects of biological anthropology including Mendelian and human genetics, primate and hominid evolutionary processes, contemporary human variability and facets of primate ethology and human behavior that make our species unique in the animal kingdom.

ANTHRO 2, Cultural Anthropology **3 units**

Transfer: UC, CSU

C-ID: ANTH 120.

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Cultural Anthropology is the study of human society and culture, analyzing both similarities and differences amongst cultural groups. This course will introduce students to important socio-cultural concepts used by cultural anthropologists including material culture, social organization, religion, kinship, ritual and symbolic systems, race, ethnicity, and language amongst others. Students will examine how cultural anthropologists understand the notion of culture in the study of human behavior in different regions of the world. The ethnographic method as a key methodology will be stressed throughout this course.

ANTHRO 3, World Archaeology **3 units**

Transfer: UC*, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**Maximum UC credit allowed for Anthropology 3 and Anthropology 4 is one course (3 units).*

This course is an introduction to the archaeological record documenting the evolution of human culture from the earliest stone tool makers to the primary civilizations of the Old and New Worlds. Topics include hunter-gatherer adaptations, the invention and spread of agriculture, and the development of civilizations. Archaeological techniques and methods are introduced as the means for understanding these developments.

ANTHRO 4, Methods of Archaeology **3 units**

Transfer: UC*, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.

**Maximum UC credit allowed for Anthropology 3 and Anthropology 4 is one course (3 units).*

This is an introductory lecture class on the field and laboratory methods used by archaeologists to understand our past. Topics include the scientific method, archaeological research design, archaeological reconnaissance, excavation, relative and absolute dating techniques, analyses of archaeological remains, and Cultural Resource Management.

ANTHRO 5, Biological Anthropology with Lab **4 units**

Transfer: UC*, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**Maximum credit allowed for Anthropology 1 and Anthropology 5 is one course (4 units).*

A survey of human biology, this course focuses on human origins and evolution by investigating the major aspects of biological anthropology including Mendelian and human genetics, population genetics, primate and hominid evolutionary processes, contemporary human variability, and facets of primate ethology and human behavior that make our species unique in the animal kingdom. This course consists of three hours of lecture and three hours of laboratory work weekly. The laboratory projects will parallel the lecture topics hence the lab projects will pertain to genetics, human variation, primate anatomy, human osteology, and analysis of hominid (human) and primate fossils.

ANTHRO 7, Introduction to Linguistic Anthropology **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces the student to the place of language in society and how it varies in different cultures. The course explores how language changes in different segments of society, the relationship between dialects and social hierarchy, and language variations between genders. Students will learn to analyze linguistic expressions such as oral storytelling, poetry, and narratives from a cross-cultural perspective. Also students will discuss the role of language in issues related to nationalism.

ANTHRO 9, Paleoanthropology **3 units**

Transfer: UC, CSU

IGETC AREA 5B (Biological Science)

- Skills Advisory: Eligibility for English 1.

This course focuses on the evolutionary history of our species, *Homo sapiens*, through an examination of the paleontological record of primate and human origins. It examines the latest ideas on comparative primate and human paleobiology and places these developments within the conceptual framework of modern evolutionary theory.

ANTHRO 10, Forensic Anthropology 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course presents students with an overview of forensic anthropology, an applied subfield of physical anthropology. The focus of the class is on the analysis of human skeletal remains with medicolegal significance. Students are introduced to current techniques used in the analysis of human skeletal remains, medicolegal procedures, and the role of the forensic anthropologist in the investigative process. The topics covered in this course include bone biology, skeletal analysis methods, pathology and trauma recognition, crime scene investigation and individual identification techniques.

ANTHRO 11, Introduction to Primatology 3 units

Transfer: UC, CSU

IGETC AREA 5B (Biological Sciences, non-lab)

This course will survey living nonhuman primates. We will explore the diversity of primates through the examination of their morphology, taxonomy, behavior and social organization within an evolutionary and ecological framework. The course will examine the history of the field, its development and modern theoretical studies. The course will also delve into primate conservation and the possible future directions of primatology research.

ANTHRO 14, Sex, Gender, and Culture 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course presents a cross-cultural survey of the position of men and women within an anthropological framework. It assesses, in a comparative fashion, the biological basis of sexual differentiation and the cultural interpretation of these differences through "gender roles." Comparative materials from tribal, non-western, non-industrial, and western cultures will be used to illustrate the variety of gender roles and expectations. The course focuses on cultural institutions as fundamental in creating, defining, and reinforcing gender roles. Economics, politics, the arts, ethnicity, race, religion, kinship, world view, language, and other issues which influence choices, opportunities and limitations tied to gender will be examined.

ANTHRO 19, The Culture of Food 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

Food nourishes not only our bodies, but also our souls, and plays a critical role in the identity formation of individuals and groups of people in society. This course explores how different cultural systems throughout the world shape the production, distribution and consumption of food. This

course utilizes a cross-cultural focus to investigate the social, cultural, and ecological aspects of food, food products, and food resources in a global, historical, and comparative perspective.

ANTHRO 20, Traditional Peoples and Cultures of Africa 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a survey of general traditional African subsistence modes, illustrated by specific examples of cultures practicing a particular mode of life. Traditional kinship, political development, economic systems, religions and the arts are studied in the context of culture areas and subsistence modes. The focus of the course is on societies before colonial penetration, but discussions of more recent issues are included when germane. The study of indigenous peoples is placed in the context of broader human socio-cultural behavior and its products, including material culture, social organization, religion, language, and other symbolic systems and discussion of the dynamics of culture, are included in this study.

ANTHRO 21, Peoples and Power in Latin America 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This course will introduce students to the historical and cultural use of power by peoples and cultures in Latin America. We will investigate the use of power of Latin American peoples and cultures who lived prior to contact with Europeans, in colonial and post-colonial culture in Latin America, as well as in contemporary Latin American society. The investigation of the power of the US/Mexican border and of globalization within Latin America will also be covered in this course. A cross-cultural perspective will be employed drawing from examples in Mexico and Central America, the Caribbean, South America, and from the influence of countries outside of Latin America including the United States, England, France, Portugal, Spain, China, and Japan. Power relations included in the notions of race, class, gender and sexuality, immigration and migration, and indigenism (amongst others), as they are practiced in Latin America, are explored throughout the semester.

ANTHRO 22, Magic, Religion, and Witchcraft 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.

The purpose of this course is to explore in a cross-cultural context the nature of religion and the relationships of individuals and societies to supernatural forces and persons. The course will examine general patterns of religious behavior throughout the world, delineate different theories of religion and see how they apply in various cultures. By the end of the course, the student should be able to identify several definitions and theories of religion and to discuss their merits with regard to specific cases.

ANTHRO 35S, Archaeological Field Techniques **3 units**

Transfer: CSU

- Prerequisite: None.

This course introduces students to the basic techniques involved in archaeological fieldwork. Students will learn various methods of excavation and how they are tied to a research design. Lectures will supplement hands-on excavation by providing pertinent historical and theoretical background to the ongoing scientific research.

ANTHRO 88A, Independent Studies in Anthropology **1 unit**

Transfer: CSU

Please see “Independent Studies” section.

ERTHSC 88A, Independent Studies in Earth Science **1 unit**

Transfer: CSU

Please see “Independent Studies” section.

ERTHSC 88B, Independent Studies in Earth Science **2 units**

Transfer: CSU

Please see “Independent Studies” section.

Arabic

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

ARABIC 1, Elementary Arabic 1 **5 units**

Transfer: UC, CSU

IGETC AREA 6A Foreign Language

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces basic vocabulary and the fundamentals of Modern Standard Arabic grammar, structure, pronunciation as well as reading, writing, and speaking. This course prepares students to understand spoken Arabic, to hold simple conversations, read, and write short descriptive compositions in Arabic. Aspects of contemporary Arabic culture and Arabic history are covered as well.

ARABIC 99, Applied Learning in Arabic **1 unit**

Transfer: CSU

Corequisite: Any course in Arabic.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Architecture

See also “Interior Architectural Design”

ARC 10, Studio 1 **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly INTARC 34B.

An introduction to studio and design theory through exploration in concepts of space, form, function, materials and creative construction. Emphasis is placed on critical thinking and conceptualization as a basis for designing projects through sketching, model making, and other media.

ARC 11, Design Communication 1 **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly INTARC 29 and INTARC 28B.

Three dimensional drawing for interior and architectural designers with an emphasis on simplified systems of linear perspective drawing and the fundamentals of quick sketching. Studies include an introduction to perspective and rendering of interior installations using size, scale, and shading to show depth and 3D form.

ARC 20, Studio 2: Architecture **3 units**

Transfer: CSU

- Skills Advisory: ARC 10, ARC 11.

A studio course which focuses on the development of context and precedent while designing spaces and architectural forms. Simple built environments are developed using design principles in context with spatial relationships, human interaction, and materiality. Emphasis is placed on the design process and human experience. Visual and oral presentations are used in the development of a course portfolio.

ARC 21, Design Communication 2 **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly INTARC 28A and INTARC 35.

This course develops the fundamentals of communicating ideas through the integration of computer graphics and traditional drawing. Emphasis is placed on developing skills in 2D drafting and architectural drawings.

ARC 30, Studio 3: Architecture **3 units**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: ARC 20, ARC 21.

An architectural studio course which focuses on an understanding of how environment and building systems informs architectural concepts. This course explores questions of concept, sustainability, culture, and social responsibility within the context of buildings which are responsive to the environment and people utilizing them. Students will also give visual and oral presentations which are used in the development of a course portfolio.

ARC 31, Design Communication 3 **3 units**

Transfer: CSU

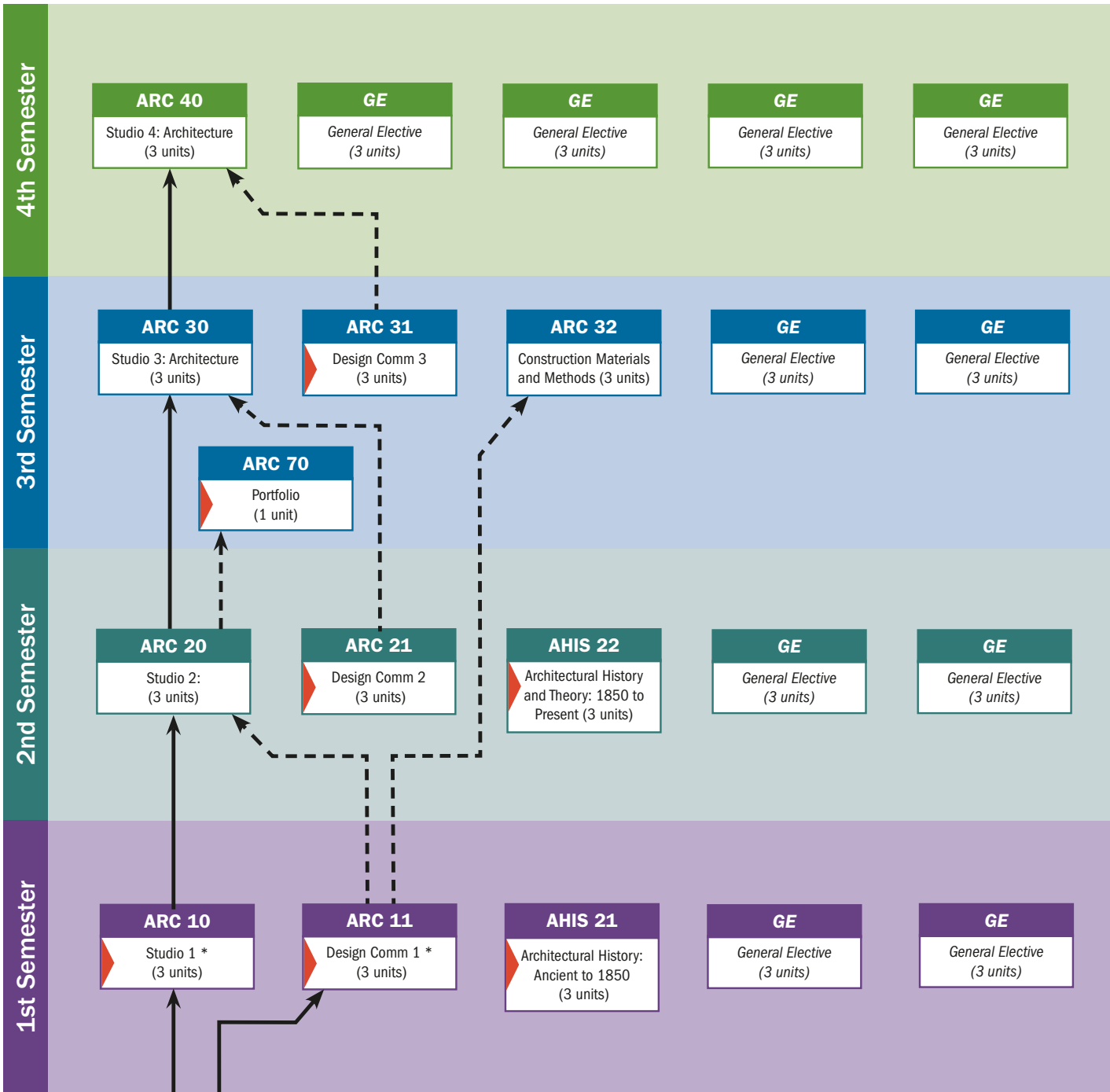
- Prerequisite: None.

Formerly INTARC 38.

Develop advanced skills in two-dimensional and three-dimensional digital drafting and rendering for Interior and Architectural designers.

ARCHITECTURE COURSE SEQUENCE

Course Descriptions



Start Here

Critical Course = *

Required ARC & IARC = ▸

Critical Path = →

Skills Required = - - - →

Certificate requires the above core courses

Degree requires the above core courses in addition to general education requirements

▶ Contact a counselor for recommendations in Math, Science, and other courses.
 Transferring to a university requires specific requirements in these areas.
 Recommend ARC 41 for architecture transfer students.

ARC 32, Construction Materials and Methods 3 units

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: ARC 11.

A comprehensive look at how a building is put together, the systems it contains, and the methods of construction for different building types and construction materials in context with code requirements and sustainability.

ARC 40, Studio 4: Architecture 3 units

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: ARC 30, ARC 31.

An architectural studio course which provides a creative framework to explore the development of commercial and mixed-use buildings within an urban setting. Urban sites are analyzed in terms of community, culture, economics, and sustainability. Projects balance structural, environmental, social, and programmatic strategies. Visual and oral presentations are used in the development of a course portfolio.

ARC 41 Design Communication 4 3 units

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: ARC 31.

Formerly INTARC 70.

This is a studio course in 3D Computer Rendering and Animation. It will cover advanced computer applications in a virtual interior with an emphasis on lighting, textures, and camera angles. Students will create walk-throughs and digital 3D visual representations of interior spaces.

ARC 51 Design Communication 5 3 units

Transfer: CSU

- Prerequisite: None.

Formerly INTARC 65.

Digitally build and enhance images for professional presentations through the exploration of materials, light, color, texture, and shadows. Emphasis is placed on producing realistic images for professional interior and architectural design work.

ARC 70, Portfolio 1 unit

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: ARC 20 or IARC 20 or ARC 31.

A look at the importance of portfolios in the design field, the different types of portfolios, and how to create visually cohesive project pages. Students design and build a digital portfolio which can be used for transfer to a university, to apply for employment, or to showcase professional work.

ARC 88A, Independent Studies in Architecture 1 unit

Transfer: CSU

Please see "Independent Studies" section.

ARC 88B, Independent Studies in Architecture 2 units

Transfer: CSU

Please see "Independent Studies" section.

ARC 88C, Independent Studies in Architecture 3 units

Transfer: CSU

Please see "Independent Studies" section.

ARC 90A, Architecture Internship 1 unit

Transfer: CSU

Please see "Internships" section.

ARC 90B, Architecture Internship 2 units

Transfer: CSU

Please see "Internships" section.

ARC 90C, Architecture Internship 3 units

Transfer: CSU

Please see "Internships" section.

Art

Artists express their thoughts and feelings by creating fine art works that are primarily intended for aesthetic enjoyment. Related career titles include advertising artist or designer, art administrator, furniture designer, illustrator, courtroom sketcher, medical illustrator, animator and toy designer. Some organizations that typically employ art majors include: studios, museums, auction houses, art councils, educational institutions, hospitals, interior design departments, advertising agencies, and film and media production companies.

ART 10A, Design I 3 units

Transfer: UC, CSU

- Prerequisite: None.

This is an introductory course in the theory and application of the elements of 2-D design. Assignments will focus on the following design principles: line, value, form, scale, light, logic, space, depth, texture, pattern, composition and color theory. This course is required for all art majors.

ART 10B, Design Theory & Practice 3 units

Transfer: UC, CSU

This studio course focuses on research based design principles and their application in real world scenarios. Critical design thinking is considered in the context of the arts, mass media, social sciences, ecology, architecture, and interactive systems.

ART 10C, Digital Media 3 units

Transfer: UC, CSU

- Advisory: Art 10A.

This course is a continuation of the theory and application of the principles and elements of fine art and design on the computer. Introducing the basics of computer operation for digital imaging applications, scanner technologies, and learning how to apply visual design concepts with digital media. This course serves as preparation for further study in the computer arts by providing an overview of theoretical issues related to the use of computers in fine art disciplines. Studio projects focus on integrating visual design principles with digital imaging technology and personal expression.

ART 13, Form and Space: Introduction to 3D Design 3 units

Transfer: UC, CSU

C-ID: ARTS 101.

This course is an introduction to historical references, conceptual ideas, and hands on applications related to three-dimensional design. Students in this class will look at spatial composition, along with organizing principles and elements of design as they apply to space and form. Students are

invited to experiment with new materials, cutting edge technology, and critical dialogues in order to develop their own visual vocabulary for creative expression. The class will have regular lectures, practices with work space organization for exhibitions, and a sense of play in the use of materials for non-representational three-dimensional studio projects. This course is spirited and experimental.

ART 15, Lettering **3 units**

Transfer: CSU

- Advisory: Art 10A.

This course covers calligraphy, including hand-written letter forms and type faces, styles, proportion, lay-out and spacing as applied in personal correspondence, advertising, layout and brochures.

ART 17A, 3D Jewelry Design I **3 units**

Transfer: CSU

- Advisory: Art 10A and 20A.

This course explores jewelry design and silversmithing as an art form and includes both fabricating and lost-wax casting techniques.

ART 17B, 3D Jewelry Design II **3 units**

Transfer: CSU

- Advisory: Art 17A.

This course is a continuation of jewelry fabrication and casting, emphasizing the expressive use of non-ferrous metal construction techniques including chain making, surface embellishments, alternative casting, and hollow container construction.

ART 20A, Drawing I – Introduction to Drawing **3 units**

Transfer: UC, CSU

C-ID: ARTS 110.

- Prerequisite: None.

This fundamental course is focused on representational drawing and composition using various black and white media. Introduction to principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Focus on perceptually based drawing, observational skills, technical abilities, and creative responses to materials and subject matter.

ART 20B, Drawing II – Drawing with Color **3 units**

Transfer: UC, CSU

- Advisory: Art 20A.

This course is a continuation of Art 20A with emphasis on color, the compositional aspects of drawing, advanced integration of basic drawing principles, and the development of individual expression. Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Students in this course will build on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

ART 20C, Digital Drawing **3 units**

Transfer: UC, CSU

- Advisory: Art 10C.

This course is designed for students who are interested in broadening their range of drawing options by integrating traditional fine art drawing skills with digital technologies.

Focus will be on exploration of the principles of drawing in their simplest form: marks, lines, shapes, light, perspective, proportion and spatial relationships. Using a combination of vector based and digital imaging software applications combined with traditional hands-on techniques, students will create drawing projects on the computer, as well as maintain a notebook of hands-on sketches. This course is a continuation of the compositional theories and skills developed in fundamental drawing classes, with an emphasis on preparing students to build upon their digital skills and fine art concepts and to develop personal directions in drawing.

ART 21A, Figure Drawing I **3 units**

Transfer: UC, CSU

C-ID: ARTS 200.

- Advisory: ART 20A.

This course focuses on study of the human figure through drawing utilizing observation, anatomy, and spatial structure. Beginning with proportions, volumes and gesture, drawing from the live model with class demonstrations the students will learn to identify the main landmarks of the body, the skeletal structure and the muscles of the human body. The lecture portion of the course will focus on Descriptive Anatomy directed toward artistic purposes and connected theoretical concepts, the studio portion of the course is focused toward the practical application of these notions and concepts making them directly relevant to the students that will start immediately applying them toward the practice of drawing the human figure. Various drawing techniques will also be practiced in the Studio portion of the course.

ART 21B, Figure Drawing II **3 units**

Transfer: UC, CSU

- Advisory: Art 21A.

Drawing from the human figure is an enjoyable and powerful exploration into the cultural context of one's own world. This course provides intermediate instruction in drawing the human figure from the live model for students building a portfolio of figure drawings. This course builds on ART 21A, and focuses on more in depth study of the human figure through drawing. A broader range of materials will be introduced, including the use of color with continued emphasis on observation, anatomy, and spatial structure.

ART 30A, Beginning Watercolor Painting I **3 units**

Transfer: UC, CSU

- Advisory: Art 10A or 20A.

This is an introductory course to water media painting with emphasis on watercolor technique, composition, and formal theory. A spectrum of wash, glaze, and gouache techniques are explored using principles of color theory, composition, and space building concepts.

ART 30B, Watercolor Painting II **3 units**

Transfer: UC, CSU

- Advisory: Art 10A or 20A or 30A.

In this advanced watercolor class students will further their knowledge and research about the principles, and practices of painting with watercolor. There is a focus on exploration of watercolor materials, perceptual skills and color theory, paint mixing and technique, as well as creative responses to materials and subject matter.

ART 30C, Acrylic Painting Techniques **3 units**

Transfer: UC, CSU

- Advisory: Art 10A and 20A.

This course will focus on the basics of drawing and painting with Acrylics and Mixed Media. Acrylics are a fast drying medium that is ideally suited for the beginning art student interested in Commercial Arts as well as Fine Arts. Students will develop skills in conceptual and observational painting through still life and assignments geared toward illustration. Assignments are based on typical areas of concentration found in the field, including conceptual, decorative, surreal, editorial, design, narrative, portrait, realistic and on the practical aspect of a career in illustration.

ART 31, Beginning Oil Painting **3 units**

Transfer: UC, CSU

- Advisory: Art 10A and 20A.

This an introductory course in oil painting. This course will emphasize building a foundation for executing and understanding paintings with coursework focusing on the use and application of painting materials, composition, and theory.

ART 32, Intermediate Painting **3 units**

Transfer: UC, CSU

- Advisory: Art 10A and 20A.

This course is an intermediate course in painting with a variety of types of subject matter. This course will emphasize the further use of oil paint or acrylic.

ART 33, Figure Painting **3 units**

Transfer: UC, CSU

- Advisory: Art 21A and 32.

This course will focus on painting the live model from direct observation. Students may work in oil or acrylic paint for the course. The course will also focus on understanding and developing pictorial strategies through composition and analysis. Over the course of the semester, each student produces two major figurative paintings and at least five smaller works.

ART 34A, Contemporary Art Theory and Practice **3 units**

Transfer: UC, CSU

- Prerequisite: None.

This course is an interdisciplinary studio course that explores art practices and issues underlying contemporary fine art activity with an emphasis on the influence of modern and postmodern perspectives. The nature, origins, methods, and implications of various art movements and genre are examined and the dissolution of traditional boundaries between media categories are explored including installation, appropriation, semiotics, performance art, art and technology, and digital and/or video art. Using traditional and/or alternative media, students develop a personal visual language for the creation of content-oriented art works. Portfolio development for transfer is emphasized.

ART 34B, Contemporary Art Theory and Practice **3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Art 34A.

A studio course in which students further explore various options for postmodern art-making through studio practice, readings, and lecture/discussions. This course is structured

to support each student in the development of a personal visual portfolio of artworks with an emphasis on the integration and application of formal visual concerns as well as content in their work. The nature, origins, methods and implications of various art methodologies and genres will be further examined and the dissolution of traditional boundaries between art media categories will be explored.

ART 35, Airbrush Techniques **3 units**

Transfer: CSU

- Advisory: Art 10A or 20A.

This course introduces the use of the airbrush in fine art, design and illustration, including exercises in freehand air painting, masks, and stencils.

ART 40A, Sculpture Fundamentals **3 units**

Transfer: UC, CSU

- Advisory: Art 10A or 20A.

This will be an introduction to the formal and spatial concepts, principles and techniques in sculpture. Various methods and mediums will be employed with attention to creative self-expression and historical context.

ART 40B, Sculpture Explorations **3 units**

Transfer: UC, CSU

- Advisory: ART 40A.

Students will continue to explore sculptural materials and techniques and how different materials can be used for various art problems. Focus will be on individual growth and direction, emphasizing aesthetic and conceptual considerations.

ART 40C, Advanced Sculpture **3 units**

Transfer: UC, CSU

- Advisory: ART 40B.

This course offers the advanced sculpture student the opportunity to further explore materials, tools, processes and techniques in conjunction with their individual conceptual and theoretical framework. Students will develop greater strength and abilities in articulating and investigating the significance of their own work and the work of other artists.

ART 41A, Figure Modeling Sculpture I **3 units**

Transfer: UC, CSU

- Advisory: Art 21A or 40A.

Sculpting the human figure in clay is studied. Emphasis is on relief and full figure over an armature, using live models.

ART 41B, Figure Modeling Sculpture II **3 units**

Transfer: UC, CSU

- Advisory: Art 41A.

This continuation of Art 41A utilizes problems in figure composition, individual interpretation of the figure, and exploration of various media.

ART 43A, Glass Sculpture I **3 units**

Transfer: UC, CSU

- Advisory: Art 10A or 20A.

This course explores form and function utilizing free blown and poured glass, glass construction and glass in combination with other materials, emphasizing design, construction techniques, and proficiency in the art of off-hand glassblowing.

ART 43B, Glass Sculpture II 3 units

Transfer: UC, CSU

- Advisory: Art 43A.

This course further explores form based on techniques acquired in Art 43A. Advanced techniques such as slumping, fusing, molds, surface decoration, and coloring are covered.

ART 52A, Introduction to Ceramics 3 units

Transfer: UC, CSU

- Advisory: Art 10A.

This course is designed to teach students basic ceramic design, materials, terminology, and construction methods, with an emphasis on building ceramic forms by hand with pinch, coil, and slab techniques. The course introduces students to the history of ceramics in a variety of cultural contexts, from ancient to contemporary. Students will have the opportunity to develop unique sculptural and functional ceramic objects with a wide variety of construction and decoration techniques.

ART 52B, Ceramics: Hand Building 3 units

Transfer: UC, CSU

- Advisory: ART 52A.

This is a ceramic design and construction course using basic hand building methods such as slab, coil, and molding combined with advanced building techniques. This course investigates traditional ways of hand building with contemporary concepts. Awareness of three-dimensional form, concept, and surface design are heightened by individual and group critiques. The students work towards a more individual statement by further experimentation with a variety of clay bodies, glazes, and firing techniques.

ART 52C, Ceramics III 3 units

Transfer: UC, CSU

- Advisory: Art 52B.

This course emphasizes advanced concepts in wheel throwing and creating sculptural forms in a variety of methods. Students will gain increased knowledge of glaze and firing technology.

ART 60, Introduction to Printmaking 3 units

Transfer: UC, CSU

- Advisory: Art 20A.

This is an introductory course in printmaking media and techniques including lino-cut, multi-block woodcut, and etching processes.

ART 60B, Introduction to Digital Printing 3 units

Transfer: UC, CSU

- Advisory: Art 20A.

An introduction to experimental digital print technologies through understanding the digital imaging process from color management to visual concept to final ink-on-paper. Advances the idea of innovative materials and techniques that explore combining both digital and traditional hands-on methods emphasizing individual creative problems. Class projects will be completed on Epson printers (1280, 2200, and 4000), including both dye-based and pigment-based inks with a variety of coated ink jet papers and uncoated fine art papers. Students working in all media are welcome to explore a collaborative and interdisciplinary approach to working in a digital image-making environment. A special emphasis on fine art portfolio development for transfer as well as documentation of art works related to contempo-

rary art practice will be encouraged. Projects, discussions and critiques will focus on issues of intention, process, experimentation, and producing quality digital fine art prints.

ART 61A, Etching 3 units

Transfer: UC, CSU

- Advisory: Art 20A and 60.

This course is an intensive study of etching techniques, using multicolor and black and white processes. Traditional methods of metal etching are also combined with computer generated images and non-toxic photographic techniques.

ART 61B, Advanced Etching 3 units

Transfer: UC, CSU

- Advisory: Art 61A.

This is an advanced course in creating multiple images in black and white and color. Traditional metal etching processes are combined with computer generated images, image transfers, and non-toxic photographic techniques. Emphasis is on multiple plate color images and book making.

ART 62, Serigraphy (Silkscreen) 3 units

Transfer: UC, CSU

- Advisory: Art 10A and 20A.

This is an introductory studio course in screen printing techniques, including hand cut and painted stencil application as well as an introduction to photo stencil techniques.

ART 63, Lithography 3 units

Transfer: UC, CSU

- Advisory: Art 10A, 20A and 60.

This course is a study of lithographic processes, past and current techniques, as well as black and white and multi-color processes.

ART 74, Introduction to Creative Coding and Generative Art 3 units

Transfer: UC, CSU

This course provides an introduction to creative coding within the context of the visual arts. Students learn to read and write code for the development of visual, auditory, and interactive projects that employ computation as a medium for creative thinking. Lectures and readings survey the historical precedents and contemporary examples of programmatic approaches to art practice.

ART 75, Form and Information 3 units

Transfer: UC, CSU

This course introduces fundamental concepts related to the design and fabrication of objects. Students utilize a combination of computational and mechanical tools to design, develop, refine, and construct physical forms. Through a combination of lectures, demonstrations, and hands on lab work, students develop the skills, toolsets, and experimental approaches needed for further study in the fields of sculpture, architecture, industrial design, 3D modeling, and contemporary multimedia studio art practice. In addition to lectures and readings on the historical and contemporary intersections of art and technology, topics of instruction include the safe operation of power tools, digital input and output paths, laser cutting, 3D printing, CNC routing and milling, and a survey of relevant 3D modeling software.

ART 90A, Internship **1 unit**

Transfer: CSU

Please see “Internships” section.

ART 90B, Internship **2 unit**

Transfer: CSU

Please see “Internships” section.

ARTS 88A, Independent Studies in the Arts **1 unit**

Transfer: CSU

Please see “Independent Studies” section.

ARTS 88B, Independent Studies in the Arts **2 units**

Transfer: CSU

Please see “Independent Studies” section.

Art History

Art History is the study of art created in the past by individuals from various cultures and parts of the world. It is the study of the historical development of art as social and intellectual phenomenon, the analysis of works of art and art conservation. Students study specific periods, cultures, styles and themes. The art historian seeks to interpret and understand works of art of many types, ranging from the monumental to small scale, by learning about artists’ lives and their societies. Students are prepared for a wide range of professional careers -- in museums, galleries, auction houses or publishing, including antique dealer, art appraiser, art dealer, art restorer and museum curator.

AHIS 1, Western Art History I **3 units**

Transfer: UC, CSU

C-ID: ARTH 110.

IGETC AREA 3A (Arts)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Art 1.

A survey of the chronological development of Western art from the Stone Age to the Gothic Period with emphasis on the cultural, political, and social factors that influenced this evolution. This includes: Near-Eastern, Egyptian, Greek, Roman, Byzantine, Romanesque and Gothic art and architecture.

AHIS 2, Western Art History II **3 units**

Transfer: UC, CSU

C-ID: ARTH 120.

IGETC AREA 3A (Arts)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Art 2.

This course is a survey of the chronological development of Western art from the Renaissance to the mid 19th Century with emphasis on the cultural, political, and social factors that influenced this evolution. This includes: Renaissance, Baroque, Rococo, Neoclassicism, Romanticism and Realism painting, sculpture and architecture.

AHIS 3, Global Art History Since 1860 **3 units**

Transfer: UC, CSU

IGETC AREA 3A (Arts)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Art 8.

A focused survey of the chronological development of art and architecture from Impressionism to the present day. This course will cover the major movements of modern and contemporary art while examining their historical, cultural and philosophical context. Specific attention will be given to art theory and its part in shaping conversations about art history and the contemporary.

AHIS 5, Latin American Art History 1 **3 units**

Transfer: UC, CSU

IGETC AREA 3A (Art)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

An introduction to the art, symbolism, and visual culture of Latin America, emphasizing, Mesoamerican and Andean civilizations from prehistory to the Spanish conquest. Using interdisciplinary methods, this course will reconstruct (to the degree that is possible), the meaning and function of the visual arts in multiple, interlocking economic, political and sacred spheres. Subjects include the representation of history, ritual, and cosmology as revealed in sculpture, hieroglyphs, painting, ceramics, and architectural design. The course will also consider the interaction of ancient Latin American art objects with the contemporary world including issues of looting, cultural heritage, and museum display.

AHIS 6, Latin American Art History 2 **3 units**

Transfer: UC, CSU

IGETC AREA 3A (Art)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is an introductory survey of the art, architecture, and visual culture of Latin America from the colonial to the contemporary period. The course examines the introduction and adaption of European artistic models in the Americas as well as the transformation of American art as a result of the conquest, analyzing a variety of materials and media including urban planning, religious and secular architecture, painting, sculpture, manuscript drawings and prints from the colonial period (1492-1820). Students examine the role of Latin American artists in building independent nations in the 19th c. and engaging with issues of race, gender, new technologies, politics, and globalization in the 20th and 21st centuries.

AHIS 11, Art Appreciation: Introduction to Global Visual Culture **3 units**

Transfer: UC, CSU

IGETC AREA 3A (Arts and Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Art 79.

An introduction to artistic practices by exploring the myriad manifestations of visual culture in our world through a cross-cultural thematic approach. This course examines themes in art like Religion, Power, Reproduction and Sexuality, and traces them across cultures and time periods. Emphasis will be placed on learning the language of visual culture both in terms of the formal elements of design as

well as the content of style and subject matter and finding connections and differences. Students will explore the various media of art from drawing, sculpture, fresco, oil, photography, motion pictures, architecture to contemporary advertising and design and investigate how various cultures have used specific media and themes. This course is designed to introduce Fine Art and Art History simultaneously providing a unique opportunity to explore these fields as well as to prepare students for a course of study in Fine Art and Art History.

AHIS 15, Mexican Art History 3 units

Transfer: UC, CSU
IGETC AREA 3A (Arts)
• Prerequisite: None.

Formerly Art 9.

This course covers the historical development of Mexican art from its pre-Columbian past to the present with a review of painting, sculpture, architecture, and their social, political, religious, and economic relevance.

AHIS 17, Arts of Asia 3 units

Transfer: UC, CSU
C-ID: ARTH 130.
IGETC AREA 3A (Arts)
Satisfies Global Citizenship
• Prerequisite: None.
• Skills Advisory: Eligibility for English 1.

Formerly Art 5.

This course is a survey of the chronological development of Asian art from earliest times to modern times with emphasis on the cultural, political, and social factors which influenced this evolution. The course includes the art of India, China, Japan, Korea, Thailand, Cambodia, and Indonesia.

AHIS 18, Introduction to African Art History 3 units

Transfer: UC, CSU
IGETC AREA 3A (Arts)
Satisfies Global Citizenship
• Prerequisite: None.
• Skills Advisory: Eligibility for English 1.

An introduction to key themes in African art history through an examination of the role and function of African arts within their religious, political, social and economic contexts. The course will cover various art making practices including performance, sculpture, architecture, painting, photography, regalia and arts of the body. Considering the importance of broader art and architectural connections between Africa and other parts of the world, this course examines issues of colonialism, the global economy, Afrofuturism, questions of display, and current concerns with art appropriation and cultural patrimony.

AHIS 21, Architectural History: Ancient to 1850 3 units

Transfer: UC, CSU
IGETC AREA 3A (Arts)
Satisfies Global Citizenship
• Prerequisite: None.

Formerly Art 6.

A survey of the chronological development of World architecture from prehistory to the Romanticism of the late 18th and early 19th Centuries. It includes art history and architecture with a worldwide introduction to the history of architecture. The contributions of technology, organizing

methodology, intellectual thought, social conditions, and general artistic sensibilities will be addressed. This course will analyze key works to develop an understanding of specific relationships between the organization, configuration, and articulation of buildings and the historical, conceptual, and cultural arguments with which they are associated.

AHIS 22, Architectural History and Theory: 1850 to Present 3 units

Transfer: UC, CSU
IGETC AREA 3A (Arts)
Satisfies Global Citizenship
• Prerequisite: None.

Formerly Art 7.

Through the use of lectures, slides, and field trips, architecture will be studied from the mid-19th Century social and industrial conditions to current sensibilities represented by various creative individuals, movements and buildings. Cross references will be made to ideas of other arts, socio-political theory, and society in general.

AHIS 52, History of Photography 3 units

Transfer: UC, CSU
IGETC AREA 3A (Arts and Humanities)
• Prerequisite: None.

Formerly Art 73.

This is a historical survey of the evolving nature of photography from the early 1800's to the present digital age. *AHIS 52 is the same course as Photography 52. Students may receive credit for one, but not both.*

AHIS 71, African American Art History 3 units

Transfer: UC, CSU
IGETC: 3A (Arts)
Satisfies Global Citizenship
• Prerequisite: None.

Formerly Art 71.

This course surveys artworks made by African Americans in the United States and abroad. Students will explore visual and material culture from the inception of chattel slavery in the sixteenth-century to contemporary Black Art Movements including Reconstruction and the Harlem Renaissance. Additionally, the impact of political movements on artists and their work such as the Black Liberation Movement and #BlackLivesMatter. In addition, students will consider how artists have contended with issues of race, gender, and sexuality and will examine transnational artist networks in Latin America and Europe among other places. Course content includes cross-historical phenomena such as the AIDS crisis, Afrofuturism, and the history of the Black Panther.

AHIS 72, American Art History 3 units

Transfer: UC, CSU
IGETC AREA 3A (Art)
Satisfies Global Citizenship
• Prerequisite: None.
• Skills Advisory: Eligibility for English 1.

Formerly Art 72.

A survey of the chronological development of painting, sculpture, and architecture in the United States from its pre-colonial past to the end of World War II. The contributions and influences of a variety of ethnic groups to the diversity of art in the United States will be addressed. The artistic contribution of Native American, African Americans,

Asian Americans, Chicano/Latino Americans and European Americans will be studied in the larger context of American society, history, and culture.

AHIS 90A, Internship in Art History **1 unit**

Transfer: CSU

Please see “Internships” section.

Astronomy

Astronomy is a quest to understand the Universe itself. Astronomers study the Solar System, planets, stars, novae, supernovae, brown dwarfs, black holes, galaxies, and space using principles of physics, chemistry and mathematics. It is an attempt to find out what these entities are made of, how they formed, and how they change. Astronomers measure the light from these entities, throughout the entire electromagnetic spectrum, from radio to gamma rays. Astronomy has provided a basis of improvement in such areas as medical imaging, aircraft navigation, and satellite communications. Some of the many career paths that Astronomy majors may embark upon right here in the Los Angeles Area (one of the leading global hubs of the Aerospace Industry) include NASA Research Scientist, University Professor, Space Systems Engineer, Sci/Space/Tech Journalist/Blogger/Podcaster, Science Teacher, Orbital Mechanic, Science Fiction Film Consultant, Planetarium Director, Educational Outreach Specialist, Curriculum Designer, Space Tourism Agent, Public Relations Person, STEM Coordinator, Rocket Launch Analyst, Data Technician, and Optical Instrumentalist.

ASTRON 1, Stellar Astronomy **3 units**

Transfer: UC*, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

**Maximum credit allowed for Astronomy 1 and Astronomy 3 is one course (4 units).*

This course provides a comprehensive introduction to the fascinating subject of astronomy with an emphasis on the study of the Sun and other stars. Topics covered include the motions of the sky, a survey of the history of astronomy from Kepler to Einstein, gravity, radiation and matter, astronomical instrumentation, the Sun, stars, star formation, stellar evolution, galaxies and cosmology.

ASTRON 2, Planetary Astronomy **3 units**

Transfer: UC*, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

**Maximum credit allowed for Astronomy 2 and Astronomy 4 is one course (4 units).*

This course provides a comprehensive introduction to the fascinating subject of astronomy with an emphasis on the study of the Earth and the other planets in the solar system. Topics covered include the motions of the sky, a survey of the history of astronomy from the Greeks to Einstein, phases of the moon, eclipses, gravity, the formation of the solar system, the Earth, Terrestrial and Jovian planets, their moons, asteroids, meteoroids, comets and a discussion of extrasolar planets around other stars.

ASTRON 3, Stellar Astronomy with Laboratory **4 units**

Transfer: UC*, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: None.

**Maximum credit allowed for Astronomy 1 and Astronomy 3 is one course (4 units).*

This survey course covers the same material as Astronomy 1, but includes a laboratory section covering hands-on astronomical activities. The laboratory portion includes observations of the sky, computer simulations, the construction of simple astronomical instruments and analyzing publicly available astronomical data from the internet.

ASTRON 4, Planetary Astronomy with Laboratory **4 units**

Transfer: UC*, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: None.

**Maximum credit allowed for Astronomy 2 and Astronomy 4 is one course (4 units).*

This is a 4-unit introductory level lab course with a similar curricular depth and breadth to its comparable 3-unit lecture course Astronomy 2. In the lab component, students begin by re-creating many historical, first-ever human discoveries and measurements that helped to develop the scientific method: the size of Earth, Moon, and Sun, their relative distances, the scale of planetary orbits, phases, diameters, densities, masses, surface features, atmospheres, and rates of rotation. The labs also engage students in basic observations of the sky, computer simulations, and analysis of archival data from public domain sky surveys and surface maps by robotic NASA rovers and orbiting probes. The course material is a single semester survey of the origin and evolution of planetary systems such as our own Solar System including the latest leading theories of planetary topography, atmospheres, interiors, moons, comets, asteroids, and aurorae produced by the interaction of planetary magnetism and particle outflows from the Sun.

ASTRON 5, Life in the Universe **3 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

This course surveys the latest ideas concerning the origin and evolution of life on earth and discusses how these ideas are influencing our search for life on other planets in our solar system and elsewhere in the Universe. Topics covered include the chemical and biological basis of life, the search for life on Mars, extrasolar planets and the search for extra-terrestrial intelligence (SETI).

ASTRON 6, Archaeoastronomy **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This course will stress naked-eye astronomy and the historical development of astronomical thought, from the stone age to modern times. Students will learn about celestial motions and how these motions have shaped various cultural views, and how cultural beliefs and values shaped interpretations of the phenomena seen. We will see how eclipses of the sun and moon helped mark important epochs of time, and how solar and lunar motions were used to help create calendars. The class will study the development of

astronomy in western European cultures, American cultures (North America, Mesoamerica, and South America), and non-western cultures (Asia, Africa).

ASTRON 7, Cosmology **3 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

This course explores how our ideas surrounding the origin, evolution and future of the universe have developed from earliest times until present day. Topics discussed include creation mythology, gravity, matter and radiation, relativity, cosmic expansion and acceleration, the Big Bang, dark matter and dark energy, the cosmic microwave background, inflation and the multiverse.

ASTRON 8, Introduction to Astrophysics **3 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: Math 2 or (Math 3 and 4).

A rigorous quantitative introduction to the physics of astronomy for prospective majors and mathematically-minded enthusiasts. The course employs graphing techniques, systems of equations, and geometric analysis to survey a wide range of astronomical phenomena including stellar evolution, planetary physics, and extragalactic cosmology. Emphasis will be placed upon deploying expedient methods of approximation to solve problems in emerging frontiers of research such as exoplanets, brown dwarfs, neutron stars, black holes, quasars, dark matter, and gamma-ray bursts. This curriculum provides an extraordinary opportunity for the motivated student to experience the thrill of applied math in the cosmic context of 21st century astrophysics.

ASTRON 9, Astrophysics with Calculus **3 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: Math 8; and Physics 8 or Physics 21.

A robust calculus-based treatment of Astrophysics suited for science majors and mathematically-minded enthusiasts. The course makes use of methods in quantitative analysis including dynamical physics, differential and integral calculus, trigonometry and advanced graphing techniques to address a wide range of astronomical phenomena including stellar properties, interior structure, stellar evolution, variable stars, planetary atmospheres and gaseous nebulae, and the large-scale structure of the Universe. Emphasis will be placed on finding analytic solutions to problems in emerging areas of research such as exoplanetary systems, red giants, white dwarfs, supernovae, neutron stars, pulsars, black holes, the interstellar medium, dark matter, active galactic nuclei, gamma-ray bursts, dark energy and big bang nucleosynthesis. This curriculum provides a remarkable opportunity for the motivated student to experience the power of applying calculus-based physics to the frontiers of contemporary astrophysical problems.

ASTRON 10, Exploration of the Solar System **3 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Advisory: Astronomy 2 or 4 or Geology 1 or 4.

This course provides a geologic and astronomic view of solar system exploration. Current knowledge of the geology of other planets, natural satellites and asteroids is discussed.

Current studies in planetary science and how to access and utilize data collected from modern and historic planetary missions and Earth-based studies are also examined.

Astronomy 10 is the same course as Geology 10. Students may earn credit for one, but not both.

Athletics

Please see listing under "Varsity Intercollegiate Athletics."

Automotive Technology

Provides students with hands-on training on vehicle technologies. Students apply basic diagnostic techniques, maintenance procedures, and repair skills to automotive, electrical, braking and suspension, and steering systems. Prepares students for essential positions in today's automotive maintenance shop operations.

AUTO 40, Automotive Maintenance and Operation **3 units**

C-ID: AUTO 110 X.

- Prerequisite: None.

This is an introductory course which explores the maintenance, diagnosis, operation and safety of the modern automobile. It also covers tools, equipment and safe working practices in the automobile industry. Students are also familiarized with career opportunities in the field.

AUTO 41, Automotive Manual Transmissions and Drive Train Systems **3 units**

Transfer: CSU

This course examines the fundamental operations and repairs of the automatic manual transmissions and drive train systems. Students will also learn about shop safety and environmental concerns regarding proper oil disposal, related tools and special equipment, and relevant automotive repair industry terms and practices.

AUTO 42, Automatic Transmissions and Transaxles **3 units**

Transfer: CSU

This is a course which covers the principles, operation, diagnosis, service and repair of automotive transmissions and transaxles. Additional topics include shop safety, environmental concerns and a review of the automotive industry terms and conventions.

AUTO 43, Automotive Heating, Ventilation and Air Conditioning **3 units**

Transfer: CSU

This is a course which covers the theory, diagnosis, service and repair of automotive, heating, ventilation and air conditioning systems. Other topics include related environmental concerns as well as an overview of relevant regulations and consumer protections.

AUTO 44, Introduction to Hybrid and Electric Vehicle Technology **3 units**

Transfer: CSU

C-ID: ALTF 100 X.

This is an introductory course which examines the use of hybrid and electric battery power for automobiles. This course also examines the safety procedures for working

with high voltage and the overall design and operation of hybrid and electric vehicles. This is a practical hands-on course where students will participate in lab activities relating to shop safety procedures and the diagnosis, maintenance and service of electric powered vehicles.

AUTO 45, Automotive Braking Systems 3 units

- Prerequisite: None.

This is a theoretical and practical course in automotive braking systems. It includes operating principles, component description, diagnosis, service, and repair.

AUTO 46, Automotive Electrical Systems 3 units

- Prerequisite: None.
- Skills Advisory: Auto 40 or equivalent.

This course covers basic electricity and automotive electrical systems such as battery, starting, charging, and electronic ignition. Test equipment and computer systems will also be covered.

AUTO 47, Suspension and Steering 3 units

- Prerequisite: None.

This course covers the principles, operation, diagnosis, service and repair of automotive suspension, steering systems, and four-wheel suspension alignment. Topics include the two types of steering systems that are widely used in today's consumer vehicles: rack-and-pinion steering, and "recirculating ball" or "worm gear" steering, also known as conventional. This course prepares students for entry-level positions or advanced training in automotive suspension and steering systems.

AUTO 50, Emerging and Alternative Auto Technology 3 units

- Prerequisite: None.

Students will gain an understanding of the current state of vehicle technology in the U.S. In addition, they will study the impact of alternative fuels, hybrid-electric drives, and other technology emerging in the transportation marketplace. Emissions, fuel economy benefits and regulations, and safety and service requirements will be examined. The interaction of issues such as economic viability, energy independence, the regulatory environment, infrastructure, and the consumer environment will be examined from the standpoint of the ability of each technology to solve transportation-related energy and air pollution problems. The global impact of the automobile will be studied.

AUTO 90A, Automotive Internship 1 unit

- Prerequisite: Instructor approval required.

Students must arrange an approved internship prior to enrolling in this Class. F-1 students must see the Immigration Coordinator at the International Education Center before enrolling.

The internship program is designed to provide the advanced student with on-site, practical experience in the automotive field. Learning objectives and exit internship evaluation are required.

Bicycle Maintenance - Noncredit

BCYCLE 901, Bicycle Maintenance Level 1 0 units

This course provides a basic understanding of bicycle maintenance and adjustments and techniques to fix most common problems. Topics include technical and mechanical skill development, tool selection and use, drive-train systems, wheel and hub systems, brake systems, suspensions, handlebar and stem assemblies. Career pathways in the bicycle industry at the local, national and international levels will be explored.

BCYCLE 902, Bicycle Maintenance Level 2 0 units

This course provides a foundation for those who wish to pursue a career in the bicycle industry including owning their own shops, working at a local bicycle shop, starting their own bicycle-related business, or finding employment in the bicycle industry. Topics in shop operations include customer service, sales, inventory management, customer segment focus, computer system selection, cash flow projections, establishing and developing vendor relationships, insurance, service ticket writing, pricing, and labor rates.

Biological Sciences

Coursework and study in the biological sciences provides a foundation for future employment in many of the fastest growing and emerging STEM (Science, Technology, Engineering and Math) fields today. Students of biology are at the front lines of many of the most critical questions our society is facing in the 21st century and beyond, including addressing climate change, the biodiversity crisis, resource management and population growth, emerging/infectious diseases and public health. Students of biology become lab technicians, nurses, genetic counselors, physicians, environmental scientists, landscape architects, state and national park rangers, researchers in agriculture, pharmaceuticals and biotechnology, teachers and college professors. Logic and critical thinking skills developed as a student of biology are applicable to nearly every field and every discipline and provide a foundation for making informed personal, business and public policy decisions. Students must be present for the first session of biological science classes to be assured of admission to limited laboratory spaces. Students who wish to enroll in a Life Sciences course must demonstrate that they have met the prerequisites for the course prior to enrollment. Continuing students must complete prerequisite courses with a C or better. If currently enrolled in a prerequisite course at SMC at the time of enrollment, students will be admitted to subsequent courses based upon midterm placement results, but will be dropped if the prerequisite course is not completed with a C or better. Students who have successfully completed one or more prerequisite courses (earning a grade of C- or better in both the lecture and lab courses and an average of C (2.0) or better overall) at another institution may be able to verify having met the prerequisites by submitting a transcript and course description and course syllabus for the prerequisite courses.

ANATMY 1, General Human Anatomy 4 units

Transfer: UC, CSU

C-ID: BIOL 110B.

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: English 1.

This course is an intensive study of the gross and microscopic structure of the human body including the four major types of tissue and their subgroups, and the following organ systems: integumentary, skeletal, muscular, circulatory, respiratory, digestive, urinary, reproductive, endocrine, nervous, and sensory. Functions of the organ systems are included at the introductory level to prepare students for a course in Human Physiology. Laboratory assignments develop the skills of observation, investigation, identification, discovery and dissection. The use of actual specimens, including cat dissection and observation of a human cadaver, is emphasized to assure that students learn the relative structure, functions, textures and variations in tissues not incorporated in models. Supplemental materials such as models, photographs, charts, videotapes, and digitized images are also provided. This course is required for students preparing for many Allied Health professions including, but not limited to, Nursing, Respiratory Therapy, Physical Therapy, Physical Education and Kinesiology Training, and Physician's Assistant and is a prerequisite for Human Physiology 3.

ANATMY 2, Advanced Human Anatomy 4 units

Transfer: UC, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: Anatomy 1.

This course emphasizes developmental, comparative and gross anatomy as applied to various disciplines such as clinical medicine, anthropology, art, illustration, kinesiology, and pathology in order to demonstrate practical and professional applications of anatomy. The laboratory experience includes individualized instruction in (virtual for online) dissection of the human body. Students prepare seminars on specific anatomy topics for presentation to faculty and other students. Guest lecturers and field trips may be included.

BIOL 2, Human Biology 3 units

Transfer: UC, CSU

IGETC AREA 5B (Biological Sciences non-lab)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This survey course explores the principles of biology using humans as examples. It includes introductions to the scientific method, cell biology, heredity, evolution, human ecology, behavior, and the major concepts of structure, function and pathology of most organ systems. The course may serve as an introduction to the future study of biology, including anatomy and physiology, or stand by itself as a non-lab life science course for general education students.

BIOL 3, Fundamentals of Biology 4 units

Transfer: UC*, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**No UC credit given for Biology 3 if taken after Biology 21, 22 or 23.*

This general biology course is for transfer students who are not biology majors. Topics include basic molecular and cellular biology, genetics, the anatomy and physiology of

plants, animals and humans, the diversity of life, evolution, and ecology. Current environmental issues and new developments in biological science are discussed. Laboratory experiences are integrated and stress scientific methodology and thinking.

Credit is allowed for either Biology 3 or Botany 1, but not both.

BIOL 9, Environmental Biology 3 units

Transfer: UC, CSU

IGETC AREA 5B (Biological Sciences, non-lab)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This survey course covers ecological principles including ecosystem structure and function, population dynamics and the interdependence of living organisms. Current environmental issues and controversies such as global warming, biodiversity and species extinction, habitat destruction, food and energy resources and pollution will be explored. Strategies for sustainable living will be emphasized.

BIOL 10, Applied Ecology and Conservation Biology 4 units

Transfer: UC, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

Satisfies Global Citizenship

This course introduces students to basic concepts of environmental biology through the study of evolution, ecology, and conservation biology. The course is designed for both major and non-major environmental science students. It is intended both as preparation for upper division Environmental Science classes, but also as general education for all students interested in a more in-depth understanding of current biological and environmental issues. By the end of the course, students should be able to use scientifically sound information to critically analyze complex environmental issues from around the world. Students will gather and analyze basic research data and apply the scientific method to conservation-related projects. Laboratory and field experiments are integrated and stress scientific methodology and thinking.

BIOL 15, Marine Biology with Laboratory 4 units

Transfer: UC*, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**Total of four units credit for Biology 15 and Biology 15N is transferable.*

This survey course of marine organisms and their relationships to their environment emphasizes intertidal and off-shore life forms. Included is an investigation of behavior, ecology, morphological and physiological adaptations and environmental relationship to humans. This course is three hours each of lecture and laboratory work.

BIOL 15N, Marine Biology (Non-Laboratory) 3 units

Transfer: UC*, CSU

IGETC AREA 5B (Biological Sciences, non-lab)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**Total of four units credit for Biology 15 and Biology 15N is transferable.*

This survey course of marine organisms and their relationships to their environment emphasizes intertidal and offshore life forms. Included are investigation of behavior, ecology, morphological and physiological adaptations and environmental relationship to humans. This course includes three hours of lecture per week.

BIOL 21, Cell Biology and Evolution **4 units**

Transfer: UC*, CSU

IGETC AREA 5B (Biological Science, + Lab)

- Prerequisite: Chemistry 11.
- Skills Advisory: Eligibility for English 1.

**No UC credit for Biology 3, Botany 1 or Zoology 5 if taken after Biology 21, 22 or 23.*

This is the first course of a three-course lecture and laboratory sequence for Biology majors, including Biology 21, 22, and 23. It describes how scientists approach the scientific method to generate scientific knowledge; studies the history, evidence, and mechanisms of evolution; identifies the chemistry of four classes of macromolecules; elucidates the cell principle including cell structure, function, and physiology; describes general energy metabolism; and illustrates the processes of growth and reproduction through mitosis, meiosis, development, and life cycles. Students are required to perform at least two experiments that require data collection, computer-based data management and graphing, and scientific analysis and interpretation of data. The course is designed to meet the needs of students transferring to upper division biology study.

BIOL 22, Genetics and Molecular Biology **4 units**

Transfer: UC*, CSU

IGETC AREA 5B (Biological Science, + Lab)

- Prerequisite: BIOL 21 and CHEM 11.
- Advisory: CHEM 21 and Eligibility for English 1.

**No UC credit for Biology 3, Botany 1 or Zoology 5 if taken after Biology 21, 22 or 23.*

This is the second course of a three-course lecture and laboratory sequence for Biology Majors, Biology 21, 22 and 23. It focuses on the structure, function and transmission of genes from the perspectives of genetics and molecular biology. A strong foundation in genetics and its relationship to molecular biology is developed through problem solving. Students perform experiments that require data analysis and demonstrate interpretations in laboratory reports. Application of Internet databases for bioinformatics is used to show relationships between DNA and protein sequences. The course is designed to meet the needs of students transferring to upper division biology study.

It is strongly recommended that students also enroll in Chemistry 21 which is required for transfer.

Any online section of BIOL 22 will be taught as a hybrid with all lab meetings scheduled for in-person learning on the SMC campus.

BIOL 23, Organismal and Environmental Biology **5 units**

Transfer: UC*, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: Biology 22.
- Skills Advisory: Eligibility for English 1.

**No UC credit for Biology 3, Botany 1 or Zoology 5 if taken after Biology 21, 22 or 23.*

This is the third of a three-course lecture and laboratory sequence for biology majors. Organisms at and above the

cellular level of organization are examined, with plants, invertebrates, and vertebrates receiving equal attention. Topics emphasized include morphology, physiology, systematics, ecology, evolution, and behavior. Additionally, each student must complete a term project which includes lab or fieldwork and library research. Transfer credit is limited if students enroll in other overlapping Biology courses or Zoology 5.

BIOL 45V, Natural History and Marine Biology of Belize **1 unit**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly known as British Honduras, and located 350 miles south of Cancun, Belize is famous for its natural wonders including the second largest Great Barrier Reef in the world. This course presents an opportunity to study firsthand the plant and animal forms of the land and under the sea of this tranquil corner of the Caribbean Basin. Students will analyze the tropical flora, fauna, ecology history and culture of the area including visits to Mayan archaeological sites. On-site lectures will be held in the field, on the shoreline, on the river cruise, and during snorkeling dives. Introductory lectures and a final evaluation meeting will take place on the Santa Monica College campus.

BIOL 46A, Field Studies in Natural History **3 units**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

See Schedule of Classes for current offerings

This series of courses is designed to combine classroom and laboratory studies with actual field studies in biology. Students will be introduced to the flora and fauna of particular habitats, biomes, or ecological communities and the ecological relationships of these areas using a field biology approach. Identification of unknown organisms and use of standard field sampling techniques are emphasized. Courses in this series allow students to study and visit such diverse areas as Belize, China, Tahiti, the Amazon, and the Galapagos Islands, and specific habitat-types such as California Deserts, California Mountain ranges, and wetlands of Southern California.

BIOL 46G, Natural History and Marine Biology of Costa Rica **1 unit**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course presents an opportunity to study firsthand the plant and animal forms of Costa Rica. Students will analyze the neotropical fauna and flora, biogeography, and the ecology of Costa Rica, including Central America's Cenozoic geology, volcanism, tropical rainforest canopies, and the history and impact of human inhabitation. Near shore and offshore marine ecosystems will be included in the course. Introductory lectures and a final evaluation meeting will take place on the SMC campus.

BIOL 88A, Independent Studies in Biological Sciences **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

BIOL 88B, Independent Studies in Biological Sciences **2 units**

Transfer: CSU

Please see "Independent Studies" section.

BIOL 88C, Independent Studies in Biological Sciences **3 units**

Transfer: CSU

Please see "Independent Studies" section.

BIOL 90A, Life Science Internship **1 unit**

Transfer: CSU

Please see "Internships" section.

BIOL 90B, Life Science Internship **2 units**

Transfer: CSU

Please see "Internships" section.

BIOL 94C, Cell and Molecular Biology Research Methods **2 units**

Transfer: UC, CSU

- Prerequisite: Biology 21 or Science 10.
- Skills Advisory: Eligibility for English 1

This course utilizes techniques of biochemistry and cellular and molecular biology to explore the actions of cellular proteins participating in pathways that are critical to the functioning of living organisms. Students examine the roles of a single vital protein or pathway. Through a survey of the scientific literature, students formulate hypotheses and determine appropriate methods for testing predictions. Students collect data, apply statistical methods, engage in comprehensive data interpretation, utilize computer-aided computational analyses of protein structure and searches of bioinformatics databases to evaluate experimental results, and generate new hypotheses. Comparisons between the normal function of the protein or pathway and the possible outcomes of dysfunctions are emphasized. Students report their findings in the format of a scientific journal article.

BOTANY 1, General Botany **4 units**

Transfer: UC*, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**No UC credit for Botany 1 if taken after Biology 21, 22 or 23 and no credit for Biology 4 if taken after Zoology 5 or Botany 1.*

This course provides an overview of photosynthetic organisms (the Plant Kingdom, photosynthetic Monerans and Protistans) and Fungi. Flowering plants are emphasized. Topics covered include a survey of botanical life forms, taxonomy, the structure, development and function of cells, stems, roots leaves, flowers, and seeds; chemistry, photosynthesis, respiration, plant physiology, Mendelian and molecular genetics, genetic engineering, evolution, and ecology. Scientific thinking skills will be developed in laboratory exercises. One or more labs are field trips to local natural areas or Plant society meetings.

Credit is allowed for either Biology 3 or Botany 1, but not both.

BOTANY 3, Field Botany **4 units**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This introduction to the life habits, interrelationships, and classification of both native and introduced plants. Provides practice in identifying species by means of keys, manuals, and charts. Emphasis is on the field study of southern California plant communities, both terrestrial and marine. Other geographic regions may be explored. Field trips are taken to any combination of botanical gardens, parks, nurseries and a number of natural settings, including nature reserves, as well as state and national parks. It is designed to be of special interest to future teachers and recreational leaders, as well as to majors in botany, general agriculture, landscape architecture, forestry, and wildlife management.

MCRBIO 1, Fundamentals of Microbiology **5 units**

Transfer: UC, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: Chemistry 19 (preferred) or Chemistry 10 or eligibility for Chemistry 11; and Physiology 3 or Biology 3 or 21.
- Skills Advisory: Eligibility for English 1.

This course involves study of several types of microorganisms with emphasis on bacteria. Principles of microbiology, metabolism, genetics, immunology, and medical and nonmedical applications are considered. The laboratory includes aseptic transfer techniques, cultural characteristics, methods of microscopy, and analytical techniques for identifying microbial organisms. The course content is related to both general and clinical applications including recent molecular biological and serological techniques.

NUTR 1, Introduction to Nutrition Science **3 units**

Transfer: UC, CSU

C-ID: NUTR 110.

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Human nutrition, integrating anatomy, physiology, biochemistry, and psychology, is studied in relation to wellness and degenerative disease prevention. Scientific information and principles provide the foundation for evaluating current concepts in nutrition for practical application in daily living.

NUTR 3, Introduction to the Dietetics Profession **1 unit**

Transfer: CSU

- Prerequisite: None.

This course explores the fields of Dietetics and Nutrition, including trends, future projections, and employment opportunities. The course offers an overview of the dietetics profession including career options, professional development, continuing education, code of ethics, state and national standards of scope and practice, professional values, creativity, Academy of Nutrition and Science position papers and evidence-based references and resources. Additionally, each student will be guided through the process of creating a resume, the processes of building a portfolio and networking through the district dietetic association and contribute to the nutritional status of the community. Service learning may be used in this course.

NUTR 4, Healthy Lifestyle: Food and Fitness 3 units

Transfer: CSU

- Prerequisite: None.

This course will help individuals to develop knowledge of how to eat healthy for fitness, health and sport. Nutrition and physical assessments will guide the development of these life style skills. The dangers of disordered eating and body dysmorphia will be discussed. Individuals will learn how to evaluate the latest weight loss, fitness and dietary supplement fads.

NUTR 7, Food and Culture in America 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Nutrition 1.

The evolution of American food culture is examined from a historical, contemporary, economic, political and scientific survey of ethnic groups in America, including Native Americans, European Americans, African Americans, Asian Americans, and Latinos. Immigration, enculturation, acculturation, religion, food availability, food preference, food behavior, food preparation, food beliefs and food-related gender roles are considered. These factors are compared and contrasted across the ethnic groups and regions in America. The impact of “Americanization” on ethnic cuisines and impact of ethnic cuisines on the American economy are explored. Current research on the health- and nutrition-related implications of ethnic groups’ food choices/practices is reviewed. Engendering cultural sensitivity and competency is at the core of this course.

NUTR 8, Principles of Food with Lab 3 units

Transfer: CSU

C-ID: NUTR 120.

- Prerequisite: None.

Application of food science principles with emphasis on ingredient function and interaction, food preparation techniques, sensory evaluation standards, food safety and sanitation, and nutrient composition of food.

NUTR 88A, Independent Studies in Nutrition 1 unit

Transfer: CSU

Please see “Independent Studies” section.

NUTR 88B, Independent Studies in Nutrition 2 units

Transfer: CSU

Please see “Independent Studies” section.

NUTR 90A, Internship in Nutrition 1 unit

Please see “Internships” section.

NUTR 90B, Internship in Nutrition 2 units

Transfer: CSU

Please see “Internships” section.

NUTR 90C, Internship in Nutrition 3 units

Transfer: CSU

Please see “Internships” section.

NUTR 90D, Internship in Nutrition 4 units

Transfer: CSU

Please see “Internships” section.

PHYS 3, Human Physiology 4 units

Transfer: UC, CSU

C-ID: BIOL 120 B.

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: Chemistry 19 (preferred) or Chemistry 10 or eligibility for Chemistry 11; and Anatomy 1.
- Skills Advisory: Eligibility for English 1.

This rigorous course provides a basic understanding of physiological mechanisms with a focus on the human body. Basic concepts of cellular physiology, including: molecular control; mechanisms of gene expression; ligand-binding site interactions; energy and cellular metabolism; membrane transport; membrane and action potentials; and cellular communication, including signal transduction, will be integrated within the concept of homeostasis involving the following body systems: nervous, sensory, endocrine, muscle, skeletal, cardiovascular, lymphatic, immune, respiratory, renal, digestive, reproductive, and integumentary. The course content includes both general and clinical applications and is intended to prepare students for advanced courses in Allied Health and Medical professions including Nursing, Physical Therapy, Respiratory Therapy, Physician’s Assistant, Pharmacy, and Exercise Science/Kinesiology Training.

ZOOL 5, Introductory Zoology 4 units

Transfer: UC*, CSU

IGETC AREA 5B (Biological Sciences, + LAB)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**No UC credit for Zoology 5 if taken after Biology 21, 22 or 23 and no credit for Biology 4 if taken after Zoology 5 or Botany 1.*

This general zoology course deals with the major animal groups from protists through vertebrates. Consideration is given to animal form, function, natural history, and behavior. Comparisons are made between groups and are used to stress the principles of evolution, classification, morphology, cell biology, organ system function, genetics, and ecology. Critical and scientific thinking skills are illustrated and developed.

Botany

Please see listing under “Biological Sciences.”

Broadcasting

Please see listing under “Media Studies.”

Business

Business Managers coordinate business activities in both private industry and public agencies. They are responsible for operations, maintenance, purchasing, planning, organizing, budgeting, and directing the work of the employees. Business executives are the higher-level management staff, directing the activities of the firm. They develop and administer policies to maximize profits. They also direct financial programs and develop policies aimed at maintaining good relations with the public, stockholders, employees, and customers.

BUS 1, Introduction to Business 3 units

Transfer: UC, CSU
C-ID: BUS 110.

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

An overview of the functional areas of business in a global society. Students will complete the course with knowledge of the general business environment, economic systems, business ethics, operations and project management, and technology and information systems. In addition, students will learn the fundamentals of economics, business ownership, entrepreneurship, finance, management, leadership, and marketing. Key themes woven throughout the course include exploration of career options and development of business problem-solving skills.

BUS 5, Business Law and the Legal Environment 3 units

Transfer: UC*, CSU
C-ID: BUS 120 and BUS 125.

- Prerequisite: None.

**Maximum UC credit allowed for ACCTG 26, BUS 5, BUS 6 is one course (3 units).*

This course provides students with an overview of the fundamental legal principles pertaining to business transactions and related topics. It also encompasses introductory subjects concerning the U.S. legal system such as the court structure, sources of law, legal reasoning and case analysis. To give students a broad perspective on the various laws and areas impacting business, the following topics are also explored: criminal law, torts, civil procedure, administrative processes, contract law, ethics, constitutional law, agency and the legal principles pertaining to business entities.

BUS 6, Advanced Business Law 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit allowed for ACCTG 26, BUS 5, BUS 6 is one course (3 units). Formerly same course as ACCTG 26.*

This course covers advanced topics in agency, partnerships, corporations, LLCs, torts, legal procedures, and other advanced topics.

BUS 7, Introduction to Sustainability in Business 3 units

Transfer: CSU

- Prerequisite: None.

This course provides an introduction of the key topics concerning sustainability in business. In particular, an examination of business potential as a significant economic force to provide solutions to global environmental, social and economic challenges in the 21st century. The course will focus on how innovation can drive sustainable business activities.

BUS 7B, Sustainability Reporting in Business 3 units

Transfer: CSU

- Prerequisite: None.

This course provides an introduction to the voluntary process of sustainability reporting in business and other organizations. The Global Reporting Initiative will be highlighted as a key model for a business to build sustainable practices into its operations. Items such as team building, sustainability indicators, tracking and reporting are the areas of concentration. Students will be able to develop a beginning sustainability report for a chosen business.

BUS 7C, Corporate Sustainability Strategies in Business 3 units

Transfer: CSU

This course provides an overview of the United Nations Sustainability Development Goals (SDGs) as they relate to corporations and nonprofit organizations. Students will learn processes to build contemporary sustainability goals into the corporate culture and business model of conventional organizations. This course takes a global perspective, touching on various aspects of the global capitalist economy.

BUS 7D, Business Strategies and Social Sustainability 3 units

Transfer: CSU

This course provides an introduction to the varied elements of social sustainability and examines what role business should play. Socially responsible leadership, Corporate Social Responsibility (CSR), the advancement of diversity, equity, inclusion, innovation, activism and changing policies, social impacts on communities, the world's food systems, global fair trade and impact entrepreneurs will be used to highlight the increasing attention on the need to align of business practices with essential societal needs.

BUS 8, Law for the Entrepreneur 3 units

Transfer: CSU

- Prerequisite: None.

This course navigates the current business environment and identifies the key legal challenges that an entrepreneur faces in starting and operating a business. It is ideal for business majors and for students who have an interest in starting their own businesses. The following topics are explored: basic legal concepts, dispute resolution, tort liability, contracts, managing risk, employment law, agent liability, legal form of business ownership, legal challenges with marketing, and intellectual property law.

BUS 9, Intellectual Property for the Entrepreneur 3 units

Transfer: CSU

- Prerequisite: None.

This course provides students with an overview of the different forms of intellectual property (IP). An emphasis is placed on analyzing the subject matter that patent, copyright, trademark and trade secret protect. In addition to learning about the different IP protections, students will also gain an appreciation of the strategies to guard against infringing upon another's intellectual property right. Finally, the course will explore the relevance of IP to business, the arts, science, music and other arenas.

BUS 10, Introduction to Intellectual Property 1 unit

Transfer: CSU

- Prerequisite: None.

This course introduces students to the basics of intellectual property law. The course is designed for the non-law student who wants to gain a general understanding of the different types of intellectual property and the subject matter that each protects. Current case examples will be explored to illustrate the application and relevance of each form to different industries.

BUS 11, Introduction to the Hospitality Industry**3 units**

Transfer: CSU

- Prerequisite: None.

This course provides students with an introduction to the hospitality industry, explaining the interrelationships and history of key leisure industry segments. An emphasis is placed on the application of technology, sustainability, ethics, leadership, teams, critical thinking, and service standards for the restaurant, hotel, and travel-related businesses. The course examines career opportunities, operations management, human resource management, marketing, and financial considerations for each segment.

BUS 14A, Women in Business**3 units**

Transfer: CSU

This course will explore the role women play in business management and leadership. It is geared for those interested in building a career in business. Key topics include women in leadership positions and how that relates to communication styles, teamwork, and corporate performance. Students also explore the challenges women face such as the pay gap, difficult people, and “derailment.” Finally, students will explore possible career paths of interest focusing on empowering themselves to harness their strengths and to find a mentor in their field as they begin to envision and to build successful careers for themselves.

BUS 15, Introduction to Insurance with Code and Ethics**2 units**

Transfer: CSU

- Prerequisite: None.

The purpose of this course is to introduce students to the basic overview of the property/casual insurance system. It is designed for those students who have little or no knowledge of insurance. In addition, this course will enable students to understand and apply the proper ethical behavior and obligations related to the insurance field.

BUS 15B, Introduction to Life and Health Insurance**3 units**

Transfer: CSU

This course introduces students to the principles of Life and Health Insurance. It is designed for students that have little or limited knowledge of insurance. In addition to providing a basis for students who wish to pursue a career in life/health insurance or employee benefits, it will provide insights useful to individuals as they make choices in these essential products.

BUS 16, Personal Insurance**3 units**

Transfer: CSU

- Prerequisite: None.

In this course, students will learn the essentials of personal insurance coverages. Personal property and liability topics will include automobile, homeowners, and other residential insurance, such as earthquake, flood, marine and miscellaneous coverages. The basics of financial planning, life insurance and health insurance will also be covered.

BUS 17, Property and Liability Insurance**3 units**

Transfer: CSU

- Prerequisite: None.

In this course, students will learn the basics of property and liability insurance. It covers types of insurers, institutions

that provide insurance, insurance regulation, and measurement of financial performance. It also covers insurance operations, including marketing techniques, underwriting, claims, insurance contracts, loss exposure and risk management.

BUS 18, Commercial Insurance**3 units**

Transfer: CSU

- Prerequisite: None.

In this course, students will learn the basics of commercial insurance. It covers commercial property insurance, business income insurance, commercial crime insurance, equipment breakdown insurance, inland and ocean marine insurance, commercial general liability insurance, commercial automobile insurance and miscellaneous commercial insurance coverage.

BUS 20, Principles of Marketing**3 units**

Transfer: CSU

Principles of Marketing examines the organization’s functions for creating, communicating, and delivering value to customers. The course also examines the role and importance of marketing in the firm and other organizations. Topics include marketing plans & strategies, digital marketing, marketing research, market segmentation, distribution, pricing, promotion, marketing ethics and product development.

BUS 21, Merchandising Principles**3 units**

Transfer: CSU

- Prerequisite: None.

This course provides an introduction to retailing concepts and strategies used by contemporary merchandisers. Special attention will be given to the theory and practice involved in such merchandising activities as sales transactions, customer services, types of merchandising institutions, store operation and policies, store layout and fixtures, advertising, and display.

BUS 22, Introduction to Advertising**3 units**

Transfer: CSU

- Prerequisite: None.

Advertising psychology, strategies, and methods are covered in this introduction to the field. Topics include planning advertising campaigns for all types of media. Class projects give the student practice in creating and communicating ideas using advertising strategy and techniques.

BUS 23, Principles of Selling**3 units**

Transfer: CSU

- Prerequisite: None.

This course explores the fundamental sales process of analyzing customer needs and satisfying those needs with a relevant product or service. Topics include prospecting and qualifying potential buyers, preparing for sales calls, delivering sales presentations, handling customer objections, negotiating sales transactions, closing sales, and providing effective follow-up.

BUS 25, Advertising Display**3 units**

Transfer: CSU

- Prerequisite: None.

This class surveys the techniques, styles and variations of presenting tangible merchandise in physical, print and electronic formats. Color theory, design principles and con-

sumer psychographic interests blend with advertising and sales techniques to highlight how hard and soft goods are sold in the brick-and-mortar and virtual retail sectors.

BUS 26, Marketing Research and Consumer Behavior 3 units

Transfer: CSU

- Prerequisite: None.

The marketing research portion of the course includes the allocation and usage of secondary as well as primary data sources, the understanding of basic concepts, the collection of information, the proper analysis of the data acquired, and the screening of sample applications. The consumer behavior section of the course will introduce the student to knowledge, concepts, and models that use consumer behavior to generate explanations for the behavior of individual consumers and groups, the decisions they make, and the culture they live in. The final section of the course focuses on the application of marketing research and consumer behavior. The student will learn how these skills can help them in business, as well as how to build their own research study.

BUS 27, Introduction to e-Commerce 3 units

Transfer: CSU

Formerly same course as CIS 27.

Students will learn the technological and strategic aspects of electronic commerce essential to succeeding in today's internet-based economy. No background in e-commerce is necessary. This is a lecture and theoretical course which covers the key technologies used in e-Commerce, the history of internet and web technologies, infrastructure, and the economic forces behind e-Commerce. Business goals and constraints, technology and process tools, business strategies and tactics, and underlying economic theories relating to successful e-Commerce will be discussed.

BUS 28, Marketing Promotion 3 units

Transfer: CSU

- Prerequisite: None.

This course addresses strategies marketers may use to best communicate with their customers and other stakeholders. By applying an Integrated Marketing Communications perspective to marketing promotion, all aspects of communication are pulled together, thereby providing a more complete treatment of advertising, sales promotion, direct marketing, personal selling, public relations, publicity, and interactive media.

BUS 29, Public Relations and Publicity 3 units

Transfer: CSU

- Prerequisite: None.

This is a survey course of basic principles and objectives of public relations, including publicity and promotion techniques. Emphasis is on the tools, such as media and publication, in planning public relations programs.

Business 29 is the same course as Journalism 43. Students may earn credit for one, but not both.

BUS 31, Business English Fundamentals 3 units

Transfer: CSU

- Skills Advisory: Eligibility for English 1.

This course emphasizes the use of effective grammar, punctuation, sentence and paragraph structure in writing short business reports and other business documents.

BUS 32, Business Communications 3 units

Transfer: CSU

C-ID: BUS 115.

- Prerequisite: English 1 or Business 31.

This course surveys the principles and techniques of current and evolving business communication as a process in a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents using appropriate utilization of a variety of technological platforms, business related internet writing contexts, and web resources. Also, this course will incorporate a variety of internet-based communication tools relevant to doing business in today's world. This course is designed for students who already have college-level writing skills.

BUS 33, Broadcast Advertising 3 units

Transfer: CSU

- Prerequisite: None.

This course examines advertising as an economic support for commercial broadcast, cable, and related telecommunications media. Audience surveys, rate structures, client, ad rep firms and advertising agency relationships are discussed and explored.

Business 33 is the same course as Media Studies 18. Students may receive credit for one, but not both.

BUS 34A, Introduction to Digital Marketing 3 units

Transfer: CSU

- Prerequisite: None.

This course introduces students to digital marketing. Students will learn how to develop and implement various digital marketing channels, such as search-engine optimization (SEO), search engine marketing (SEM), social media marketing, pay per click (PPC) advertising, affiliate marketing, email marketing and content marketing. The course will emphasize the strategic role of digital marketing in traditional marketing; its impact on the customer experience; and how to track its effectiveness.

BUS 34B, Digital Marketing Applications 3 units

- Prerequisite: None.

- Advisory: CIS 1.

Digital marketing enables an individual or business to promote an organization, brand, product or service using a variety of online marketing strategies: content marketing, social media marketing, search engine marketing and e-marketing. Numerous tools and applications are utilized to deliver these strategies, such as a content management system; blogging; content creators and editors for images, posts and videos; crowdsourcing; podcasting; RSS feed and directories; social media business accounts and ad managers, like Facebook Ad Manager; search engine advertising, like Google Ads; SEO techniques and tools; third party tracking and analytics tools, such as Google Analytics; email and direct message marketing; and event promotion. This course provides the skills to use these tools and applications for a successful digital marketing campaign.

BUS 34B is the same course as CIS 70. Students may earn credit for one, but not both.

BUS 34C, Digital Marketing Analytics, 3 units

Transfer: CSU

This course provides an overview of approaches and practices in digital marketing measurements and analysis and offers an understanding of how tools, such as Google

Analytics, can be utilized to inform strategic direction. Focusing on key performance indicators for digital marketing, students will learn how to measure and track online performance to determine digital marketing return on investment. Students will review factors that drive conversion and how to optimize conversion rates using data and A/B testing.

BUS 35, Customer Relationship Management 3 units

Transfer: CSU

The course provides an overview of the dynamic area of Customer Relationship Management (CRM), a strategic methodology that recognizes customers as the core of the business. Partner Relationship Management (PRM), Customer Experience Management (CEM) and the impact of social networking will also be explored.

BUS 36A, Customer Service in the Digital Age 3 units

Transfer: CSU

The world of customer service is constantly evolving. This course highlights the key strategies, principles, attitudes, and techniques needed to provide excellent customer service in today's business environment. Customers are digital and on the move and expect the same from their interactions with companies. As customer behavior changes, so do their expectations of the type of interaction that is appropriate to address their concerns. Considerations for omnichannel customer service, the impact on call centers, and the art of customer service will be examined.

BUS 37, Business of Hip-Hop Industry 3 units

Transfer: CSU

This course is an exploration of the business of Hip-Hop from localized exhibition to a domestic and international phenomenon. With the emergence of new technology, there is a need for a new criterion in the analysis of Hip-Hop as an entertainment industry leader. Students examine the business practices of moguls and pioneers, such as Dr. Dre, Jay-Z, Kanye West, Master P, and Sean Combs. This course emphasizes the evolution of the business elements of hip-hop: urban entrepreneurialism, sales & marketing, and intellectual property.

BUS 40A, Introduction to Business Analytics 3 units

Transfer: CSU

This course is an introduction to business analytics, and it is ideal for students who do not have a background in data analytics and would like to know how to apply data driven analytics to make business decisions. A student will learn data analysis skills and tools that will help in any business area such as sales, marketing, operations, and management. This course will emphasize manipulating, analyzing, and visualizing data with the end goal of making better business decisions.

BUS 45, Individual Financial Planning 3 units

Transfer: UC, CSU

- Prerequisite: Math 31.

This course provides students with the tools to achieve their personal financial goals. It will help them make informed decisions related to spending, saving, borrowing, and investing by training them to apply quantitative reasoning concepts to solve problems. Topics covered include personal financial planning; money management; tax strategy; consumer credit; purchasing decisions; insurance; investing

in stocks, bonds, and mutual funds; retirement; and estate planning.

Business 45 is the same class as Accounting 45. Students may earn credit for one, but not for both.

BUS 46, Introduction to Investments 3 units

Transfer: CSU

- Prerequisite: None.

This course provides a comprehensive view of securities, markets, and investment techniques, ranging from simple investment programs to advanced speculative market techniques.

BUS 47, Understanding Money for Lifelong Success 1 unit

Transfer: CSU

- Prerequisite: None.

This course provides students with the fundamental tools to make informed decisions that impact their short and intermediate-term finances. Topics covered include money management and the decision processes and behaviors underlying spending, saving, and borrowing.

Business 47 is the same course as Counseling 47. Students may earn credit for one but not both.

BUS 50, Introduction to International Business 3 units

Transfer: CSU

- Prerequisite: None.

This course focuses on general business problems, theories, techniques and strategies necessary in the development of business activities in the global market place. The course is designed to promote an understanding of the impact that a country's culture and its political and economic environments have on a firm's international operations. The course covers the global perspective of business fundamentals as they relate to international management, communication, marketing, finance, ethics, etc.

BUS 51, Intercultural Business Communication 3 units

Transfer: CSU

Satisfies Global Citizenship

- Prerequisite: None.

This course is designed to heighten awareness of culture and its impact on successful business enterprises. The student will develop skills to identify areas where culture and business intersect by focusing on four subsets of American culture (European Americans, Chicano/Latinos, African Americans and Asian Americans) as well as on international cultures. Emphasis will be placed on how a firm's success is affected by both domestic and global issues influencing intercultural communication.

BUS 52, International Marketing 3 units

Transfer: CSU

- Prerequisite: None.

This course focuses on marketing management problems, techniques and strategies necessary to incorporate the marketing concept into the framework of the world marketplace. This course is designed to promote an understanding of the impact that a country's culture and environment have on the marketing mix as well as the problems of competing in markets having different cultures.

BUS 53, Importing and Exporting 3 units

Transfer: CSU

- Prerequisite: None.

This course presents an overview of importing and exporting as drivers of globalization. It is designed to help students explore the benefits, costs, and risks of importing and exporting as well as the trade regulations involved, the documentation and licensing required, and the public and private sources of financing and other assistance available. It stresses cross-cultural comparisons of foreign business, legal and political practices, trade patterns, and markets as a means of implementing successful import/export plans. Currency exchange, sources and methods of market research, terms of payment, broker services, insurance, letters of credit, transportation and barriers to entry will also be covered.

BUS 54, International Management 3 units

Transfer: CSU

- Prerequisite: None.

This course focuses on issues faced in international management. Techniques and strategies for leading business activities in the world marketplace are examined. The course is designed to promote an understanding of global trends and the decision-making process involved in all aspects of the multinational organization, such as planning, organizing, and human resource management.

BUS 55, Southern California's International Connections and Blue/Ocean Economy 3 units

Transfer: CSU

- Prerequisite: None.

This course provides an overview of Southern California's economy, its people, and its emerging role in the ocean economy. Using a variety of tools, students will be introduced to the vital commercial, financial, and personal connections that make Southern California one of the most diverse and globally connected places in the world. Special attention is devoted to key ocean economy regional engagement opportunities and to enlighten students on how the Blue/Ocean economy ("sustainable use of ocean resources for economic growth, improved livelihoods, and jobs while preserving the health of ocean ecosystem.") is shaping the future of local, state, and global economies.

BUS 56, Understanding the Business of Entertainment 3 units

Transfer: CSU

- Prerequisite: None.

The entertainment industry is rapidly and continuously shifting and evolving, with digital technology serving as the catalyst for its change. This new paradigm requires that our understanding of the industry and its operations evolve along with it. This introductory course will examine the current and future trends that drive the industry, and the changing business models and associated roles for creatives and executives within the business of entertainment.

BUS 56B, Entertainment Law 3 units

Transfer: CSU

This course provides a broad overview of key legal issues that arise in the business of entertainment, namely in television, film, music, and new media. Topics covered include dealmaking, protections for entertainment professionals, acquisition of property rights and portrayal rights, distribu-

tion, copyrights, trademarks, defamation, and the right to privacy. The course also explores the legal relationships among talent, agents, managers, and attorneys. Sample contracts and standard agreements are reviewed. Emphasis is placed on identifying strategies that entertainment professionals can employ to minimize the risk of legal conflict.

BUS 57, Introduction to Lean Six Sigma 3 units

Transfer: CSU

This course introduces the basic concepts of performance improvement methods. Students will learn about Lean Six-Sigma and Human Centered Design (HCD) methodologies. Lean Six-Sigma is a method that relies on a collaborative team effort to improve performance by systematically removing waste, quality management and reducing variation. This course will cover these concepts as they apply to different industries. Students will have the option to earn a Lean Six-Sigma Yellow Belt Certification upon completing the course and passing the exam, if they choose to.

BUS 59, Design for Delight for the Entrepreneur 3 units

Transfer: CSU

- Prerequisite: None.

This course introduces students to the problem-solving and innovation methodology called design thinking, using an approach called "Design for Delight" that was developed at Intuit. Design for Delight (D4D) uses deep customer empathy, strategic brainstorming and idea selection methods, and rapid experiments with customers to build products and solutions that create value for businesses and stakeholders, and ultimately improve people's lives. Emphasis will be placed on experiential learning, with students learning and practicing specific behaviors and skills that enable entrepreneurs to creatively solve customer and business problems in all types of organizations including for-profit, non-profit, healthcare and education.

BUS 60, Design Thinking for the Entrepreneur 1 unit

Transfer: CSU

- Prerequisite: None.

This course introduces students to the decision making process called Design Thinking. Design Thinking emphasizes deep user understanding, intentional iteration and a focus on possibilities as a way to improve people's lives and enhance and create value for stakeholders. Design Thinking draws on methods from engineering and design and combines them with ideas from the arts, social services and the business world. Emphasis will be placed on experiential learning, identifying specific behaviors and skills that enable design thinkers to meet customer demands in all types of organizations including for-profits, non-profits, healthcare, arts and education.

BUS 62, Human Relations and Ethical Issues in Business 3 units

Transfer: CSU

- Prerequisite: None.

This course provides concrete guidance in using human relations skills in the workplace that will promote working effectively with others. Strategies are integrated throughout the course that will enable students to apply human relations theories and applications to the real world of work. Ethical issues in business are addressed where students will learn an explicit process of ethical reasoning that will aid in defin-

ing and dealing with dilemmas in the workplace. Current events and case studies will be used to develop critical skills as students apply theories and principles.

BUS 63, Principles of Entrepreneurship 3 units

Transfer: CSU

- Prerequisite: None.

This course covers the fundamentals of how to organize, finance, and operate a small business. Topics to be covered include business plan development, financing, legal and ethical issues, marketing, entrepreneurial team development, and business models.

BUS 64, Business Protocol and Professionalism 2 units

Transfer: CSU

To be successful and competitive in an ever-changing business environment, individuals must be proficient in business etiquette, protocol and professionalism. Through lectures, role-playing and participation, students will become proficient in the basics of business professionalism and interaction. Appropriate proper business protocol/professionalism is a fundamental requirement for all jobs. These skills will set you apart from the competition and position your career in the right direction for growth and opportunity.

BUS 65, Management Principles 3 units

Transfer: CSU

- Prerequisite: None.

This course introduces the student to management concepts and strategies used by modern businesses. The course is designed to familiarize student with the accepted standards, procedures, and techniques employed by top, middle, and supervisory level managers. Further, the course provides students with an understanding of the role of management and how to develop plans and execute strategies in pursuit of organizational goals.

BUS 67, Business Strategies 3 units

Transfer: CSU

- Prerequisite: None.

This course is designed to provide students with an introduction to the “management of strategy” in the business enterprise. A case-oriented format has been adopted to focus attention on what a firm should do in an actual business situation, and to provide students with numerous opportunities to develop and exercise their analytical and decision-making skills.

BUS 69, Success in the Gig Economy 1 unit

Transfer: CSU

- Prerequisite: None.

This course provides students with a hands-on class experience in starting a side business that can add to a student’s income stream or grow into a full-time business. Students will learn to: identify income producing opportunities, develop business and promotion plans, and fund, launch, refine their business and make a profit. Emphasis will be placed on experiential learning, taking action and the iterative refinement process needed to start a new business.

BUS 72, Organizational Management and Leadership 3 units

Transfer: CSU

This course examines the special case of detailed planning and implementation of management decisions in strategic business units. Attention is focused on three areas: developing action plans and implementation strategies; developing awareness of the contingencies to be considered in taking strategic actions, and investigating how different academic disciplines interpret the leadership phenomenon. This course highlights key criteria used in assessing the viability of an organizational action plan, and the role of leadership in managing constructive change processes.

BUS 76, Human Resources Management 3 units

Transfer: CSU

- Prerequisite: None.

Human resource management encompasses those activities designed to provide for and coordinate the human resources of an organization. This course is fashioned to emphasize both the theoretical and practical aspects of human resource management. Topics of special interest include equal employment opportunity; staffing the organization; training and developing employees; employee compensation; understanding unions; and organizational maintenance, communication, and information systems.

BUS 76B, Compensation and Benefits 3 units

Transfer: CSU

This course reviews procedures and strategies for determining benefits and compensation in contemporary organizations. Considering both traditional and modern methods, the need for strategically focused benefits and compensation processes is addressed. The course examines the related variables that impact employee motivation and performance in a variety of organizations. Special attention is given to benefit planning & negotiation, health & welfare, retirement plans, compensation surveys, non-economic rewards, and legal issues including ERISA impact. Students will learn how to make sound compensation and benefit decisions and how to administer benefit programs.

BUS 79, Bargaining and Negotiations 3 units

Transfer: CSU

- Prerequisite: None.

Managerial negotiation, a feature central to labor-management relations, is a common everyday activity that most people use to influence others and to achieve personal objectives. This course integrates theoretical research from the field of social psychology, the literature on collective bargaining from the arena of labor relations, and the “how to do it” writings of popular works on negotiations, and applies them to managerial negotiation. Of particular interest are the areas of persuasion and attitude change, power, conflict management, and justice in organizations. A variety of experientially-based role plays, simulations, questionnaires, and cases are adopted to highlight key aspects of the negotiation process.

BUS 80, Principles of Logistics 3 units

Transfer: CSU

- Prerequisite: None.

This course provides an overview of how firms use distribution intermediaries to gain a competitive advantage in local and global markets through the integration of logistics and

supply chain management. The management of the physical flow of products and information throughout the entire supply chain is examined, including physical distribution, transportation, warehousing, customer service, materials management, third-party and global logistics, systems planning, and operations and management of the supply chain.

BUS 81, Transportation Management 3 units

Transfer: CSU

- Prerequisite: None.

The class provides an overview of the alternative modes, systems, rates, services, and regulations in global transportation. Transportation systems and providers will be examined including ocean, air, and surface carriers, as well as intermodal and special carriers.

BUS 82, Supply Chain Management 3 units

Transfer: CSU

- Prerequisite: None.

This course is an overview of the entire supply chain and its key elements. Students are exposed to concepts, models, and terminology used in demand planning, inventory planning, material planning, distribution planning, fulfillment planning, and related components of a supply chain are examined.

BUS 83, Operations Management 3 units

Transfer: CSU

- Prerequisite: None.

Introduces concepts and techniques related to the design, planning, control, and improvement of manufacturing and service operations. The course examines operations and the coordination of product development, process management, and supply chain management. Students are exposed to topics in the areas of process analysis, materials management, production scheduling, quality management, and product design.

BUS 84, Introduction to Procurement 3 units

Transfer: CSU

- Prerequisite: None.

This course introduces students to the fundamentals of procurement. Students will learn how to improve a company's profitability through key concepts such as negotiation, supplier sourcing and qualification, outsourcing and make-or-buy analysis. Students will learn the various steps of the order process from the generation of the purchase requisition through receiving. Students will also learn to maintain effective purchasing records, manage budgets and explore career opportunities in the Supply Chain Industry.

BUS 85, Project Management Global Trade and Logistics 3 units

Transfer: CSU

- Prerequisite: None.

This course introduces students to the essential elements of project management and team leadership. Emphasis is placed on managing resources, and creating control mechanisms that minimize risk in the world of logistics and supply chain management. Students will explore the context of building effective project teams and maintaining stakeholder relationships. Students will learn and apply basic project management concepts including budgeting, planning, scheduling, work breakdown structures, monitor-

ing and project control to move goods and services across the globe.

BUS 86, Earned Value Management Systems 3 units

Transfer: CSU

This course introduces students to Earned Value Management Systems (EVMS). Earned Value Management Systems is a technique that combines measures of scope, cost and schedule for evaluating project progress. EVMS utilizes defined metrics and visual analytics to help track cost and schedule performance. This course will introduce how EVMS measures accomplished efforts against the plan for management to effectively make risk assessments. EVMS are utilized on a sundry of projects in the manufacturing, pharmaceutical, and high-tech industries.

BUS 87, ERP System: Procurement 4 units

Transfer: CSU

This course introduces an enterprise resource planning system such as SAP software ("Systems, Applications & Products in Data Processing") and how it is used in a procurement office to record the day-to-day purchasing activities at major corporations. Through case studies and the review of major business processes, students will learn how SAP software records the transaction including sales, procurement, invoices, MRP (Materials Requirement Planning) and payments.

BUS 88A, Independent Studies in Business 1 unit

Transfer: CSU

Please see "Independent Studies" section.

BUS 88B, Independent Studies in Business 2 units

Transfer: CSU

Please see "Independent Studies" section.

BUS 88C, Independent Studies in Business 3 units

Transfer: CSU

Please see "Independent Studies" section.

BUS 90A, Business Internship 1 unit

Transfer: CSU

Please see "Internships" section.

BUS 90B, Business Internship 2 units

Transfer: CSU

Please see "Internships" section.

BUS 90C, Business Internship 3 units

Transfer: CSU

Please see "Internships" section.

BUS 91A, Marketing Internship 1 unit

Transfer: CSU

Please see "Internships" section.

BUS 91B, Marketing Internship 2 units

Transfer: CSU

Please see "Internships" section.

BUS 95, International Business Internships 2 units

Transfer: CSU

Please see "Internships" section.

Business – Noncredit

BUS 901, Introduction to Business – Basic 0 units

This course provides an overview of the business environment. The experience in this course will enable you to develop a better understanding of what business is all about, how a business operates and which business functions are needed in any business enterprise. The topics include Management, Accounting/Finance, Production, Distribution, Research and Development, Regulations and Labor.

BUS 902, Introduction to Business Mindset 0 units

In order to succeed in business, individuals need to have the right mindset. This course provides an overview of the entrepreneurial mindset that individuals often acquire in order to succeed in business and can apply to other aspects of their lives. Topics include Inside the Mindset, Mindset and Leadership and Changing Mindsets.

BUS 911, Customer Service Level 1 0 units

This course highlights the key principles, attitudes, and techniques needed to provide excellent customer service in today's global business environment. Major topics covered include (1) defining and understanding the importance of quality customer service to build a competitive advantage for a business and strong relationships with the business's customers; (2) developing communication skills so that students have the knowledge, skills, and abilities to meet or exceed customers' expectations; (3) managing one's attitudes, motivation, stress, and time to promote positive day-to-day interactions on the job; and (4) identifying potential customer service breakdowns in order to recover the service relationship and build customer loyalty. Throughout the course attention will be given to developing students' emotional intelligence, leadership abilities, and career opportunities.

BUS 912, Customer Service Level 2 0 units

This course highlights the key principles and techniques needed to provide excellent customer service in today's global business environment. Major topics covered include (1) developing skills in the 5 key areas of Emotional Intelligence: Self-Awareness, Self-Regulation, Motivation, Empathy, and Social Management; (2) building positive, customer focused relationships; (3) identifying customer service breakdowns; (4) demonstrating the skills necessary to recover the customer after a breakdown; (5) communicating with customers to build their loyalty; and (6) demonstrating Cultural Intelligence when communicating with customers. Throughout the course attention will be given to building students' emotional intelligence, leadership abilities, and career opportunities.

Chemistry

Chemists study the properties of matter and make qualitative and quantitative analysis of many substances. They conduct a variety of experiments and tests in laboratories to develop new knowledge or maintain control over the quality of existing products and procedures. Chemists may work in research and development, or production and quality control in the chemical manufacturing industry, and in

education or government institutions. Students must be present at the first lab session of a chemistry course to be assured of admission to limited lab spaces. Students who wish to enroll in a chemistry course must demonstrate that they have met the prerequisites for the course prior to enrollment. Continuing students must complete prerequisite courses with a C or better. If currently enrolled in a prerequisite course at SMC at the time of enrollment, students will be admitted to subsequent courses based upon mid-term placement results, but will be dropped if the prerequisite course is not completed with a C or better. Students who have successfully completed one or more prerequisite courses (earning a grade of C- or better in both the lecture and lab courses and an average of C (2.0) or better overall) at another institution may be able to verify having met the prerequisites by submitting a transcript and course description and course syllabus for the prerequisite courses.

CHEM 9, Everyday Chemistry 5 units

Transfer: UC*, CSU

IGETC AREA 5A (Physical Sciences + LAB)

Satisfies Global Citizenship

- Prerequisite: None.

**UC gives no credit for Chemistry 9 if taken after Chemistry 11. Maximum UC credit for Chemistry 9 and 10 combined is one course.*

This course fulfills the general education requirements for a laboratory science course. Students who successfully complete this course will understand basic chemical principles and how these principles relate to the Earth's natural systems and cycles, with emphasis on humanity's impact on Earth's natural environments. Students will gain a scientific understanding of the impact of human activity on natural systems and sustainability. Students will also learn common laboratory techniques, including the safe handling of chemicals and the proper use of laboratory equipment, as they analyze environmental problems and solutions.

Students enrolling in this course should have math skills equivalent to those entering Math 31. This course does not fulfill the prerequisite for Chemistry 11.

CHEM 10, Introductory General Chemistry 5 units

Transfer: UC*, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Math 31 or Math 49.

**UC gives no credit for Chemistry 10 if taken after Chemistry 11. Maximum UC credit for Chemistry 9 and 10 combined is one course.*

Chemistry 10 is a survey of introductory chemistry topics with a laboratory component. It is intended as preparation for Chemistry major or those planning to go into a STEM major or as a way to fulfill the science general education requirement. It introduces the main concepts and principles of chemistry and serves as a prerequisite for the General Chemistry sequence (CHEM 11 and CHEM 12). Emphasis is placed on understanding basic chemical principles and their quantitative application in various settings. Experimental techniques, including the safe and competent handling of chemicals and laboratory equipment will also be part of the course.

CHEMISTRY COURSE SEQUENCE

General Education

CSU and SMC Allied Health

Nursing, Respiratory Therapy,
and Others

STEM Life Science, Physical Science, Engineering

Pre-Med, Pre-Dental, Pre-Pharm
**UCLA Nursing requires Chem 12

Higher Level/STEM

Non-science major
Transfer to 4-year
Institution

Enter Nursing or other
Allied Health Program

When preceded by Chem 11 + 12, some combination of these courses can meet transfer requirements for Chemistry, Biochemistry or Chemical Engineering majors, and will serve as prerequisites for Medical, Dental, or Pharmacy School.

CHEMISTRY 31

Biochemistry I
with Laboratory

CHEM 22/24*

Organic Chemistry II
with Laboratory

CHEMISTRY 21

Organic Chemistry I
with Laboratory

*Lecture and lab
may be taken
separately

Freshman Level/STEM

Preferred
Prerequisite for
Physiology and for
Microbiology

CHEMISTRY 12**

General Chemistry II
Prerequisite: Math 2

Chem 11 and 12 meet
the requirements for
Physics Majors and most
Engineering majors

CHEMISTRY 11*

General Chemistry I
Prerequisite: Math 20

*Eligibility for Chem 11
Established by Placement
with CCDT or by HS
Chemistry AP Exam Score
of 3, 4, 5.

Preparatory Basics

CHEMISTRY 9

Everyday Chemistry
with Laboratory

Best option for all non-science
majors seeking GE credit.

Elementary Algebra skills
are recommended.

CHEMISTRY 19

Fundamentals of General,
Organic, and Biological
Chemistry, with Laboratory
Prerequisite:
Math 31 or Math 49

CHEMISTRY 10

Introductory General
Chemistry with Laboratory
Prerequisite:
Math 31 or Math 49

Course Descriptions

CHEM 11, General Chemistry I**5 units**

Transfer: UC, CSU

C-ID: CHEM 110.

C-ID: CHEM 120S; to get C-ID CHEM 120S for CHEM 11, students must complete both CHEM 11 and CHEM 12. IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: CHEM 10 and MATH 20.

Students seeking waiver of the Chemistry 10 prerequisite should take the Chemistry 10 Challenge Exam. Students taking Chemistry 11 and 12 must have access to the Internet to complete class assignments.

This course is the first semester of a two-semester, standard first year college chemistry course (Chemistry 11 and Chemistry 12). It introduces the fields of physical, analytical, inorganic, and organic chemistry. Topics to be discussed include atomic structure, chemical bonding, common types of reactions, stoichiometry, thermochemistry, and the properties of gases, liquids, and solids.

CHEM 12, General Chemistry II**5 units**

Transfer: UC, CSU

C-ID: CHEM 120S; to get C-ID CHEM 120S for CHEM 12, students must complete both CHEM 11 and CHEM 12.

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Math 2 or (Math 3 and Math 4) and Chemistry 11.

Students taking Chemistry 11 and 12 must have access to the Internet to complete class assignments.

This course is a continuation of Chem 11. Topics covered include kinetics, equilibrium, acid-base chemistry, precipitation reactions, coordination chemistry, thermodynamics, electrochemistry, and nuclear chemistry.

CHEM 19, Fundamentals of General, Organic, and Biological Chemistry**5 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Math 31 or Math 50 or eligibility for Math 54 and Math 54C.

This one-semester course is designed for students preparing for studies in nursing or related allied health professions. Topics include measurements, unit conversions, atomic and molecular structure, chemical reactions and equations, gases, solutions and acid/base chemistry. There will be a special emphasis on properties and reactions of organic and biologically relevant compounds. NOTE: This course is NOT equivalent to CHEM 10 and does NOT meet the prerequisite requirement for CHEM 11.

This course is NOT equivalent to CHEM 10 and does NOT meet the prerequisite requirement for CHEM 11.

CHEM 21, Organic Chemistry I**5 units**

Transfer: UC, CSU

C-ID: CHEM 150.

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Chemistry 12.

This course is a systematic introduction to the chemistry of carbon compounds. It encompasses theory and reactions of hydrocarbons and functional group derivatives. Included are bonding and structure, nomenclature, stereochemistry, synthesis, mechanism, and spectroscopic analysis. The laboratory work focuses on techniques of synthesis, isolation, purification, and analysis.

CHEM 22, Organic Chemistry II**4 units**

Transfer: UC*, CSU

IGETC AREA 5A (Physical Sciences)

- Prerequisite: Chemistry 21.

**Maximum UC credit for Chemistry 22 and Chemistry 24 combined is 5 units.*

This course is a continuation of Chem 21, with emphasis on the remaining functional groups and types of reactions. Also included is an introduction to the organic chemistry of biochemical compounds. Chem 22 includes lecture and discussion. The second semester of organic chemistry laboratory is a separate course, Chem 24. Chem 21 and 22 constitute two semesters of organic chemistry with one semester of organic chemistry laboratory. Chem 21, 22, and 24 constitute two semesters of organic chemistry with two semesters of laboratory.

CHEM 24, Organic Chemistry II Laboratory**2 units**

Transfer: UC*, CSU

IGETC AREA 5A (Physical Sciences lab)

Prerequisite/Corequisite: Chemistry 22.

**Maximum UC credit for Chemistry 22 and Chemistry 24 combined is 5 units.*

This course is the second semester of organic chemistry laboratory. The laboratory work involves microscale and miniscale synthesis, structure determination, investigation of reaction mechanism, and qualitative analysis. The lectures will discuss the theory and techniques that relate to the experiments that are performed, including NMR, IR, organic qualitative analysis, and various methods of analysis, separation, and purification of mixtures.

CHEM 31, Biochemistry I**5 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Chemistry 21.
- Skills Advisory: Chemistry 22.

This course is a survey of biochemistry, introducing the student to the structures and functions of important classes of biochemical compounds as well as to the central reactions of metabolism. The main topics include the structure and function of proteins, carbohydrates and lipids; the catalysis, kinetics and regulation of enzymes; and the reactions of glycolysis, the citric acid cycle, electron transport/oxidative phosphorylation, and gluconeogenesis. The laboratory section of the course provides an introduction to biochemistry lab procedures including titration, peptide analysis, spectroscopy, spectrophotometry, column chromatography, gel-electrophoresis, the kinetic analysis of enzyme-catalyzed reactions, and internet based informatics tools.

CHEM 88A, Independent Studies in Chemistry**1 unit**

Transfer: CSU

Please see "Independent Studies" section.

CHEM 88B, Independent Studies in Chemistry**2 units**

Transfer: CSU

Please see "Independent Studies" section.

Chinese

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

CHNESE 1, Elementary Chinese 1 **5 units**

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

This course teaches pronunciation, vocabulary, and grammar fundamentals as essential elements in reading, writing, and understanding elementary Chinese. The course also covers necessary culture, customs, philosophy, and history which serve as keys to studying the Chinese language.

CHNESE 2, Elementary Chinese 2 **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Chinese 1*.

This course is a continuation of Chinese 1, which covers elementary grammar. It provides students with further basic oral and writing skills while acquainting them with the language. It also includes the reading of simplified texts with emphasis on oral expression and further study of Chinese history and culture. This course is taught in Chinese except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to two years of high school Chinese.*

CHNESE 3, Intermediate Chinese 1 **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Chinese 2*.

This course builds on language skills developed in Chinese 1 and 2. The course will complete and review basic grammar and key sentence patterns of Chinese, provide practice in the appropriate use of idiomatic expressions, and further develop skill in reading and writing Hanzi (Chinese characters). It will also build vocabulary, expand reading comprehension, and encourage more extensive conversation in Chinese. It will cover additional aspects about Chinese culture and history. This course is taught in Chinese except in cases of linguistic difficulty as determined by the professor..

**The advisory for this course is comparable to three years of high school Chinese.*

CHNESE 4, Intermediate Chinese 2 **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language UC only

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Chinese 3 or equivalent.

This course builds on language skills developed in Chinese 3. The course will review and expand on elementary Chinese grammar, provide practice in the appropriate use of set phrases and idioms, and further develop skills in reading and writing. It will enrich vocabulary, further develop reading comprehension, improve conversation and basic writing skills; and it will encompass aspects of Chinese culture and history. This course is taught in Chinese except in cases of linguistic difficulty as determined by the professor.

CHNESE 8, Conversational Chinese **2 units**

Transfer: UC, CSU

- Prerequisite: Chinese 2 or equivalent skills.

This course provides an opportunity to acquire better speaking skills in Chinese with the emphasis on natural, colloquial usage. New vocabulary and idiomatic phrases will be emphasized and the student will hold conversations in Chinese during each class meeting. The course is taught in Chinese except in cases of linguistic difficulty as determined by the professor.

Applied and service-learning field experience within a public agency, educational institution, and citizen volunteer groups is a requirement of this class.

CHNESE 9, Chinese Culture and Tradition **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Arts and Humanities)

Satisfies Global Citizenship

- Prerequisite: None.

This course encompasses the accomplishments of Chinese civilization. From pre-historical beginnings to the early twentieth century, the fundamentals of Chinese philosophy, religion, art, literature, and language are covered and provide an understanding and appreciation of the world's oldest continuing culture. The course is taught in English.

CHNESE 99, Applied Learning in Chinese **1 unit**

Transfer: CSU

Corequisite: Any course in Chinese.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied / service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Cinema

Please see listing under "Film Studies."

Communication

Please see listing under "Media Studies."

Communication Studies

Communication Studies offers students courses that combine theory and application in many areas of the discipline. These courses encourage our students to apply conceptual material to daily interactions in a variety of communication contexts. In addition, our discipline provides a wide range of course offerings in the Communication Studies major. Oral Communication focuses on the skills and knowledge needed for creating effective and appropriate public communication skills. Courses include public speaking, oral interpretation of literature, persuasion, group communication, argumentation, and competitive speech and debate.

Students completing courses in oral communication gain practical skills in researching, developing and presenting ideas and arguments in a variety of contexts preparing them for upper division, workplace, and personal presentations. Communication Theory focuses on human communication theory, especially as it relates to the interpersonal and/or group levels of communication. Courses in this area include interpersonal, group communication, intercultural communication, gender and communication, communication theory and research methodologies. Students completing courses in the communication theory area learn theoretical knowledge to prepare them for transfer into communication studies programs at the university and practical communication skills to improve their own interpersonal effectiveness.

COM ST 9, Introduction to Communication Studies **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

This course is a survey of the discipline of communication studies that emphasizes the history, interest areas, major theories, and contemporary and emerging issues in the field. This course will specifically cover public speaking, interpersonal, group, intercultural, mass and other emerging areas in the study of communication.

COM ST 11, Elements of Public Speaking **3 units**

Transfer: UC, CSU

C-ID: COMM 110.

IGETC AREA 1C (Oral Communication)

- Prerequisite: None.

Formerly Speech 1.

This is a course in public speaking for students learning to prepare and deliver platform speeches. Assignments include speeches of description, exposition, and persuasion. Techniques for controlling tension, building self-confidence, and effective listening are emphasized.

COM ST 12, Persuasion **3 units**

Transfer: UC, CSU

C-ID: COMM 190.

IGETC AREA 1C (Oral Communication) or 3B (Humanities)

- Advisory: Communication Studies 11.

Formerly Speech 2.

This course focuses on the development of persuasion in rhetorical perspective, with an emphasis on balancing logic, emotion and credibility in public speaking. The history of classical rhetoric in Ancient Greece and Rome, as well as great speakers in American history, are emphasized.

COM ST 13, Voice and Diction **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Speech 3.

This course focuses on improvement in voice and articulation. It features analysis of the student's voice and articulation problems and offers specific strategies for improvement. Techniques in relaxation, breath control, articulation, vocal variety and pronunciation are emphasized. In addition, students learn skills in oral interpretation, public speaking, and transcription of the International Phonetic Alphabet.

COM ST 14, Oral Interpretation: Performing Literature Across Cultures **3 units**

Transfer: CSU

C-ID: COMM 170.

Satisfies Global Citizenship

- Advisory: Communication Studies 11.

Formerly Speech 4.

This course focuses on the oral interpretation of poetry and prose, with a special emphasis on literature by and about cultural groups in the United States including African-Americans, Asian-Americans, European-Americans, Jewish-Americans, Latino/a-Americans, Arab-Americans, Indigenous peoples of the United States and others. Through the process of oral interpretation, students will analyze works of literature, discover a personal connection to the material, and share their emotional and intellectual creation -- using voice and body -- with an audience. By studying and performing multicultural literature, students will learn to appreciate the similarities and differences among cultures and how culture affects the author's voice.

COM ST 16, Fundamentals of Small Group Discussion **3 units**

Transfer: UC, CSU

C-ID: COMM 140.

IGETC AREA 1C (Oral Communication)

- Skills Advisory: Eligibility for English 1.

Formerly Speech 6.

This course focuses on the identification and analysis of processes and challenges of communication as affected by small group interactions. This course helps students develop competence and confidence as a group member and leader through a combination of theoretical and practical knowledge of small groups in everyday life. The course focuses on the principles of communication theory as they apply to the small group setting with an emphasis on practical application through study and practice in various group activities.

COM ST 20, Agitational and Protest Communication **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This class explores the role of agitational and protest communication in the formation, processes, and goals of different historical and contemporary movements. Agitational and protest communication includes the strategies, tactics, and communication utilized by movements to resist or provide different perspectives, including those that have been excluded or silenced. Attention is given to theories, contexts, and strategies related to agitational and protest movements, as well as numerous examples of diverse protest movements in modern and contemporary history.

COM ST 21, Argumentation **3 units**

Transfer: UC, CSU

C-ID: COMM 120.

IGETC AREA 1C (Oral Communication).

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Speech 11.

Principles of argumentative discourse applied to contemporary issues are studied in this course. An analysis of the

relationship between evidence and the process of reasoning is included.

COM ST 22, Introduction to Competitive Speech and Debate 2 units

Transfer: CSU

- Prerequisite: None.

Formerly Speech 22.

This class provides the training, rehearsal, and performance practice to develop speech and debate skills necessary to participate on a competitive collegiate speech and debate team. Students will have the option to choose areas of interest and to compete on the SMC Speech and Debate Team.

COM ST 30, Introduction to Communication Theory 3 units

Transfer: UC, CSU

C-ID: COMM 180.

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces the major theoretical approaches to, applications of, and issues in Communication Studies. Examining and analyzing theories from the various areas of the field, such as interpersonal, group, organizational, rhetorical, intercultural, mass, and health communication, students will apply communication theories and concepts to everyday communication phenomena.

COM ST 31, Research Methods for Communication Studies 3 units

Transfer: UC, CSU

IGETC Area 4 (Social and Behavioral Sciences)

- Skills Advisory: Eligibility for English 1.

This course introduces the tenets and methods of social science research in general, and communication research in particular. The course provides an overview of both quantitative and qualitative research methods. Particular attention is given to experimental design, survey research, content analysis, and field research. The goal of this course is to prepare students for reading empirical research reports as well as prepare them for upper division research.

COM ST 35, Interpersonal Communication 3 units

Transfer: UC, CSU

C-ID: COMM 130.

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.

Formerly Speech 5.

Techniques for effective interpersonal communication are studied with emphasis on developing awareness of one's own actions and their impact on relationships. Verbal and nonverbal communication styles are analyzed and practiced in one-to-one and small group situations. Lecture, discussion, and class participation are utilized to demonstrate a variety of skills including listening conflict resolution, and the effective use of language in personal and professional interactions. In addition, exercises in body language, role playing, and self-disclosure and positive/negative thinking help students understand the power of the communication process.

COM ST 36, Gender and Communication 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

Exploring the role, influence, effects, and significance of gender on our everyday communication interactions, this course critically analyzes issues of gender and communication by examining the theoretical perspectives used to explain gender phenomena, gender socialization, and male and female interactions and stereotypes. With an emphasis on improving communication skills, we will explore the relationship between gender and communication as it pertains to the nature of gender(s), the language of gender, and gender differences in verbal and nonverbal communication.

COM ST 37, Intercultural Communication 3 units

Transfer: UC, CSU

C-ID: COMM 150.

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Skills Advisory: Eligibility for English 1.

Formerly Speech 7.

This course focuses on the identification and analysis of processes and challenges of communication as affected by different cultures, especially as it affects communication among the various cultures found within the United States (e.g. African American, Asian American, Latino/a, Middle Eastern, Native American, European American and Gay/Lesbian cultures) and among the various cultures throughout the world. The course focuses on the principles of communication theory as they apply to the intercultural setting with an emphasis on the effects of differences in beliefs, values, attitudes, socio-political organization, role expectations, language and nonverbal behavior, etc. -- all of which are interrelated.

COM ST 38, Introduction to Latina/o/x Communication Studies 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

This course explores critical and intercultural theories and research related to Latina/o/x communication patterns, processes, media, and performance in different historical, contemporary, and political contexts. Additionally, the course explores how Latina/o/x communication is influenced by different processes, including, but not limited to, race, ethnicity, class, gender, sexuality, religion, spirituality, national origin, immigration status, ability, tribal citizenship, sovereignty, language, and/or age in different Latina/o/x communities. Lastly, the course looks at the historical and contemporary intersections between Latina/o/x communication, cultural identity, and other relevant themes, including technology and media.

COM ST 88A, Independent Studies in Debate 1 unit

Transfer: CSU

Please see "Independent Studies" section.

COM ST 88B, Independent Studies in Debate 2 units

Transfer: CSU

Please see "Independent Studies" section.

COM ST 310, Organizational and Small Group Communication **3 units**

Transfer: CSU

Satisfies Global Citizenship

- Prerequisite: English 2 and Admission to the SMC baccalaureate degree program.

In this course students discuss and apply organizational communication theories with an emphasis on small group dynamics, particularly in diverse workplace environments. Students will investigate numerous theories about organizational communication and case studies to explore the experiences of diverse groups in different workplace environments in history and in contemporary society. Students will identify the problems that diverse groups may face in organizational settings and design programmatic solutions to such problems. The readings and course materials will be used to enhance students' intercultural awareness and understanding of organizational communication theory in practice.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

Computer Information Systems

The Computer Information Systems (CIS) program includes courses in web authoring, desktop publishing, social media, Microsoft Office and Adobe applications. Students focusing on web applications attain the skills to professionally design, develop, and manage websites. The department also offers courses that lead to careers in social media. The office application courses prepare students for positions such as office managers who oversee a variety of administrative, clerical, and accounting functions necessary to efficiently run and maintain business information systems. The CIS program manages industry certification programs for Microsoft, QuickBooks, and Adobe products for students.

Keyboarding skills of 25 words per minute or enrollment in OFTECH 1A or 9 are recommended for computer applications classes.

CIS 1, Introduction to Computer Information Systems **3 units**

Transfer: UC*, CSU

- Prerequisite: None.

**No UC credit for CIS 1 or 4 if taken after CS 3.*

This beginning course explores the foundations of technology as well as current trends and emerging topics in information technology. Students complete hands-on projects in operating systems, web browsers, and web-based office applications. Students will also be introduced to topics such as understanding programming, computer security and social media.

This course uses Google Apps (Docs and Sheets) as well as Code.org.

CIS 4, Business Information Systems with Applications **3 units**

Transfer: UC*, CSU

C-ID: BUS 140.

- Prerequisite: None.

*This is not a beginning computing course. It is recommended that students take CIS 1 prior to CIS 4. Ability to keyboard 25 words per minute is recommended. *No UC credit for CIS 1 or 4 if taken after CS 3.*

This course introduces students to information systems and their role in business. Topics include information systems, database management systems, networking, e-commerce, ethics and security, computer systems, hardware systems, and application software (word processing, spreadsheet, database, and presentation graphics). In this course, students develop computer-based solutions to a variety of business problems.

This course teaches Word 2019, Excel 2019, Access 2019, PowerPoint 2019, and Windows 10.

CIS 9A, Technology Project Management I **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3 or CIS 1.

This course covers the fundamentals of Project Management theory, implementation, and best practices. It is aimed at students who work mostly in the Technology sectors covering software and website development, and other areas of computer science or information systems. Students will learn the theory, as well as the use of Project Management software to plan, track and manage project resources. Topics covered include project life cycles, tasks, schedules, resources, and costs.

CIS 9A is the same course as CS 9A. Credit may be earned for one, not both.

CIS 9B, Technology Project Management II **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 9A or CS 9A.

This course covers advanced topics of Project Management theory and practice. Students will learn how to manage projects with changing tasks and schedules, and to adjust their resources and budgets. Also covered are leadership and communication skills. Students will complement the theory with case studies and the use of Project Management software.

CIS 9B is the same course as CS 9B. Credit may be earned for one, not both.

CIS 30, Microsoft Excel **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1, CIS 4.

This course includes a detailed study of business applications using Microsoft Excel spreadsheet package. Topics include the commands, formats, and functions of Excel with emphasis on its use as a problem solving and financial analysis tool. Students will also learn to create macros, customize ribbons and tabs, and integrate Excel with other applications and the World Wide Web. Students will also have an introduction to writing Visual Basic code.

CIS 30 has replaced CIS 31 in all CSIS degree and certificate programs.

CIS 30T, Tableau Desktop Essentials 3 units

Transfer: CSU

This course introduces students to Tableau, a popular platform for data visualization and simplification of complex data. It was designed to help the user to create visuals and graphics without the help of any programmer or any prior knowledge of programming. Topics include: connecting to different data types, exploring and analyzing the data visually, build custom calculations. Students will build a fully interactive dashboard, build a story to present and share the findings with publishing online or via Tableau server.

CIS 32, Microsoft Access 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1, CIS 4.

This course presents an introduction to relational database management systems using Microsoft Access. It is designed to familiarize the student with Microsoft Access and its application in the business world. Topics include: designing, maintaining and querying a database; creating forms, reports, and macros; and an introduction to writing Visual Basic code. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the MOS certification in Access.

This course uses Microsoft Access Office 365.

CIS 34, Advanced Excel with Visual Basic for Applications 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 30.

This course provides Excel users with the knowledge, skills and techniques needed to write macros using Visual Basic for Applications (VBA) within the Excel environment. The course helps users to automate repetitive tasks, customize Excel menus, buttons and screens, and create user friendly interface for input and output. The course covers basic programming techniques used in Visual Basic and VBA.

This course uses Microsoft Excel 2019.

CIS 35A, QuickBooks Desktop 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1 or CIS 4 and Accounting 1 or Accounting 21.

Formerly CIS 35. Formerly same course as Accounting 35.

This course provides the student with a business approach to computerized, integrated accounting principles using QuickBooks. Students will work with the various components of an accounting system in an ongoing business, as well as set up an accounting system for a new company. Topics include the creation of a QuickBooks company, processing daily accounting entries, the analysis of financial statements, creation of reports and graphs. Students will gain experience in the creation and use of invoices, purchase orders, inventory, bank accounts, and payroll. In addition, students will be able to complete the entire accounting cycle including recording adjusting entries and making corrections on the transactions as needed. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the QuickBooks certification.

This class uses QuickBooks Desktop for Windows only.

CIS 35B, QuickBooks Online 3 units

Transfer: CSU

- Advisory: Accounting 1 or Accounting 21 and CIS 4.

This course provides the student with a business approach to computerized, integrated accounting principles using QuickBooks Online. Students will work with the various components of an accounting system by setting up an accounting system for a new company. Topics include the creation of a QuickBooks company, processing daily accounting entries, working with payroll online, maintaining inventory, the creation and the analysis of financial statements and other managerial reports. Hands-on experience is provided. This class covers the objectives necessary for the QuickBooks Online certification.

This course uses the current version of QuickBooks Online.

CIS 36C, Microsoft Excel – Short Course 1 unit

Transfer: CSU

- Skills Advisory: CIS 36F or Working knowledge of Windows.

This short introductory course in Excel spreadsheet software acquaints the student with basic features of the software including creating, editing, formatting, and printing of electronic worksheets. It is offered as a brief overview of the software.

CIS 36F, Introduction to Windows – Short Course 1 unit

Transfer: CSU

- Prerequisite: None.

This hands-on course covers the basic to intermediate features of the Microsoft Windows operating system -- from personalizing your Windows environment to finding files and data. Students will learn how to organize files and search for information using Windows Explorer.

This course uses Windows 10.

CIS 36G, Introduction to Internet – Short Course 1 unit

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Working knowledge of Windows.

This hands-on course on the Internet provides students with the opportunity to learn basic and advanced features of the Internet. Topics include browsing, navigating, proper use of Favorites, effective searching for information, creating web pages and using e-mail. Students will learn about the development of the Internet, proper netiquette and social and ethical issues. Additional topics include finding and downloading graphics, freeware and shareware programs from the Internet.

CIS 36I, Microsoft Access – Short Course 1 unit

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Working knowledge of Windows.

This short introductory course in Access software acquaints the student with basic features of the software, including creating, retrieving, and printing electronic databases. It is offered as a brief overview of the software.

CIS 36J, Microsoft Word – Short Course 1 unit

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Working knowledge of Windows.

This short introductory course in word processing (Microsoft Word) acquaints the student with basic features of the software including creating, revising, storing, and printing documents. It is offered as a brief overview of the software.

CIS 36M, Adobe Acrobat 1 unit

Transfer: CSU

- Prerequisite: None.

This course introduces students to Adobe Acrobat. Topics include creating portable document files (PDF), working with PDF files, annotation and editing of files and interactive forms, and the distribution and management of PDFs.

CIS 36P, Microsoft PowerPoint – Short Course 1 unit

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Working knowledge of Windows.

This hands-on short course on presentation software teaches the use of Microsoft PowerPoint for business applications. Presentations, handouts, and speaker notes are designed, created, and formatted, using PowerPoint. Students will use graphics, templates, and objects to enhance presentations. Hands-on experience is provided in a microcomputer lab. *This course uses Microsoft PowerPoint 2016.*

CIS 36T, Introduction to Turbo Tax – Short Course 1 unit

Transfer: CSU

- Prerequisite: None.
- Advisory: Accounting 15 or prior tax preparation experience.

This course will teach students how to prepare Federal income tax returns and California individual income tax returns using Turbo Tax software.

CIS 37, Microsoft Word 3 units

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: CIS 1 and ability to type 25 wpm.

Through the use of Microsoft Word software, skills are developed in creating, revising, formatting, storing, and printing a variety of business documents. Skills are developed from basic functions and editing tools through intermediate features such as AutoText, columns, custom tab settings, charts and graphs, graphics, envelopes, labels, and headers/footers. Emphasis is placed on professional quality production of documents. Students also learn to increase productivity through the use of automated features and multiple windows. Students develop problem-solving skills through the use of document revisions and trouble-shooting assignments. Additionally, students develop advanced skills in areas of interest ranging from legal applications to brochures and newsletters. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the MOS and Expert certification in Word. *This course uses Microsoft Word 2019.*

CIS 38, Microsoft PowerPoint 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1.

Through the use of Microsoft PowerPoint software, skills are developed in planning, creating, formatting, enhancing and delivering presentations for business applications. Topics include audience analysis, selection of presentation media, and the creation and presentation of slides, transparencies, and posters. The use of animation, sound and other special effects, as well as Web publishing techniques, will also be covered. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the MOS certification in PowerPoint. *This course uses Microsoft PowerPoint 2019.*

CIS 39, MS Outlook – Comprehensive Course 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1.

Microsoft Outlook has become a primary means of office communication and task management. In this course the student will learn to effectively use all features of Outlook e-mail, calendar, contacts, tasks, and notes; create and manage Outlook folders; collaborate with others for scheduling meetings and resources; configure and customize Outlook; and integrate Outlook contacts with other Microsoft Office programs. This class covers the objectives necessary for the MOS certification in Outlook.

CIS 40, InDesign 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1.

Digital publishers design and produce everything from newsletters and brochures to books and magazines for their clients and employers. In this class, students will develop the skills to integrate text and graphics to design high-quality business publication documents and layouts. Students will create and edit graphics, scan text and images and prepare projects for print or for the Web. Hands-on experience is provided. This class covers the objectives necessary for the Adobe Certified Professional in Graphic Design & Illustration Using Adobe InDesign certification. *This course uses Adobe InDesign CC.*

CIS 50, Internet, HTML, and Web Design 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1.

This hands-on course provides all the skills necessary to navigate, create and manage content on the World Wide Web. Students will become familiar with the Internet and its underlying technology and security. The course also covers the principles of Web page design, the use of graphics and other media files, and the creation of linked documents. Students will use both HTML and a Web authoring program to create and edit Web pages and will have the opportunity to put their Web sites online by publishing to a Web server.

CIS 51, HTML5, CSS3, and Accessibility 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 50.

HTML5 is the next generation HTML. This hands-on course will explore the differences between HTML5 and XHTML, validating pages to current Web standards and using Cascading Style Sheets (CSS) exclusively to control the look and feel of a site. Students will create and enhance Web pages with links, graphics, tables, and forms. Proper use of HTML5 and CSS3 can provide true separation of content, structure, and presentation in Web pages, making them structurally sound, easier to maintain, and more consistent with legal requirements for accessibility.

CIS 54, Web Development and Scripting 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 51 or CIS 59A or Graphic Design 66.

This hands-on course introduces students to Web development using the newest features in client-side markup languages to create modern day visual front-ends. Following responsive Web design practices, students will learn how to make front-ends dynamically react to the user by using features such as floating windows, animations, carousels and sliders, nifty widgets, drop down menus, parallax scroll effects, single page applications and simple games. Students will also learn various client-side techniques for working with data, form data validation, and data collection using Web services, XML, and AJAX to process user input such as product orders. Technologies included in instruction are the current versions of HTML, CSS, JavaScript, JQuery, XML, JSON, and AJAX.

CIS 55, Advanced WebPage Development and Scripting 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 54.

This course is for web designers who want to expand their knowledge of creating script-based Web pages. Students will learn the more advanced techniques used in today's websites. This course assumes a good foundational knowledge of HTML 4, JavaScript and a server-side scripting language such as ASP, PHP, CFM, or ASP.NET. Students will learn how to extend JavaScript to create interactive, dynamic Web pages using Dynamic HTML, incorporate cookies, hidden fields, create animations, write search functions, and interface with databases. MySQL or Microsoft Access will be used to create data driven applications, such as a shopping cart, or a mailing list. At the completion of this course, students will be proficient in designing and developing interactive Web sites.

CIS 56, Web Media Production 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 59A and CIS 60A.

Web media is a woven combination of text, graphics, sound, animation, and video elements. The course is designed to provide students who are familiar with creating Web experiences, the skills to add the dimensions of time, sound, motion, and interactivity to their experience designs, including Internet and mobile technologies, via a variety of authoring tools. Through lectures, demonstrations, and

projects, students will complete solid portfolio Web experiences.

CIS 57, Website Planning and Production 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 51 or CIS 59A.

This course provides the knowledge, skills, and hands-on experience needed to deliver successful commercial websites. Students will learn the many pitfalls of website planning and production and how to overcome them. This includes understanding what is wanted, and learning how to create the website in a speedy and efficient manner. Students will learn how to manage the project and the client, and perfect techniques in design. Learning how to design for the intended audience, obtain content, select a proper navigation, incorporate various media (graphics, database, animations, etc.), deploy and maintain the website are the key elements covered. This is a hands-on course and the students will utilize newly learned skills to build a website for a client which can be added to their portfolio.

CIS 58, Designing Accessible Websites 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 51.

Web accessibility benefits everyone -- those with and those without disabilities, through increased usability and interoperability of Web-based materials. The law requires government Web sites to be accessible, and several states have adopted the standards (California included).The requirement will expand exponentially as the law continues to be defined. This class will prepare the developer to deliver legal and accessible Web sites. Topics will include Section 508 guidelines, assistive technologies, and universal design principles. This class is structured to allow learners to explore the area of Web accessibility using a hands-on, project-based approach.

CIS 59A, Dreamweaver I 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 50.

This is an introductory course in learning Web page design with Dreamweaver. Students will learn techniques for designing Web pages and expand their knowledge of HTML, Dynamic HTML, and JavaScript. Students will learn to integrate images, sound, and other multimedia using Dreamweaver. This course covers Web site creation and management features including Web file management, navigation bars, formatting text styles, Cascading Style Sheets, and content management. Upon completing this course, students will be ready to plan, build, upload, and maintain a professional Web site.

This course uses Adobe Dreamweaver CC.

CIS 59B, Dreamweaver II 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 59A.

This course examines advanced Web development techniques and concepts utilizing the Dreamweaver toolset. Topics covered include site architecture, Web project management, integration with dynamic Web development tools, code management and site enhancements. Students

will learn to enhance the development of Dreamweaver Web pages utilizing server-side includes, dynamic XHTML & XML, and intelligent use of graphics and color schemes. Additional topics will include the CSS toolset, site management utilizing cascading templates & libraries, including cutting edge technologies (RSS, podcasting), and dynamic content design with XML tools. Dreamweaver extension manager and use of extensions will also be covered.

This course uses Adobe Dreamweaver CC.

CIS 60A, Photoshop I **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1.

This course is for the non-design student interested in learning Photoshop. Students will learn image creation and editing using Adobe Photoshop. Students learn to create, repair and modify images, scan photos, plan composite images and create special effects for use in a variety of applications. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the Visual Communication using Adobe Photoshop (ACA) certification.

This course uses Adobe Photoshop CC.

CIS 60B, Photoshop II **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 60A.

This course is for non-design students who are experienced Photoshop users interested in learning the advanced techniques and new features in Photoshop. Students will learn to apply advanced image creation and editing techniques using industry related cases. Students will be able to complete projects by creating and modifying images and photographs; create text using different filters and colors adjustments tools; create special effect by applying production tricks and techniques to Photoshop documents; create various components for the WEB as well as a variety of other applications. Hands-on experience is provided in a microcomputer lab. This class covers the objectives necessary for the Adobe Photoshop certification.

This course uses Adobe Photoshop CC.

CIS 64, Illustrator **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 60A.

This course is for the non-design students interested in learning Adobe Illustrator using Personal Computers for Windows. Students will develop the skills and use a variety of tools to create sophisticated illustrations, logos, advertisements, and other business media graphics for the Web. Hands-on experience is provided. This class covers the objectives necessary for the Adobe Certified Professional in Graphic Design & Illustration Using Adobe Illustrator certification.

This course uses Adobe Illustrator CC.

CIS 67, WordPress **3 units**

Transfer: CSU

- Advisory: CIS 50.

WordPress is the world's most popular Content Management System (CMS) platform, powering personal blogs, some of the largest community/society websites, eCommerce web stores and fan sites built with cutting edge technology. This

course provides students with the knowledge, skills, and hands-on experience to create, enhance, and maintain a successful WordPress site. Students learn the necessary skills to install WordPress, design, and build a WordPress website, create and sustain a blog, populate the site with content aggregation, and build a content management system. Students will be able to edit the site, integrate analytics, optimize for Search Engine Optimization (SEO), and build for multiple contributors. The design and integration of WordPress themes, widgets, and plugins will be emphasized.

CIS 70, Digital Marketing Applications **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1.

Digital marketing enables an individual or business to promote an organization, brand, product or service using a variety of online marketing strategies: content marketing, social media marketing, search engine marketing and e-marketing. Numerous tools and applications are utilized to deliver these strategies, such as a content management system; blogging; content creators and editors for images, posts and videos; crowdsourcing; podcasting; RSS feed and directories; social media business accounts and ad managers, like Facebook Ad Manager; search engine advertising, like Google Ads; SEO techniques and tools; third party tracking and analytics tools, such as Google Analytics; email and direct message marketing; and event promotion. This course provides the skills to use these tools and applications for a successful digital marketing campaign.

CIS 70 is the same course as BUS 34B. Students may earn credit for one, but not both.

CIS 88A, Independent Studies in CIS **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

CIS 88B, Independent Studies in CIS **2 units**

Transfer: CSU

Please see "Independent Studies" section.

CIS 88C, Independent Studies in CIS **3 units**

Transfer: CSU

CIS 90A, Internship in Computer Applications **1 unit**

Transfer: CSU

Please see "Internships" section.

CIS 90B, Internship in Computer Applications **2 units**

Transfer: CSU

Please see "Internships" section.

Computer Information Systems – Noncredit

CIS 902, Basic Computer Skills **0 units**

This beginning course is designed to introduce students to computer basic technology and operation. Students learn computer terminologies, improve typing and mouse skills, obtain familiarity with file management, filenames and file formats. Students learn best practices using Internet brows-

ers. Additionally, this course helps students to develop techniques for finding information on various Internet sites.

CIS 903, Fundamentals of Microsoft Office 0 units

We are going to use OneDrive for this class.

This beginning course is designed to introduce the fundamentals of Microsoft Office Online applications and OneDrive. Students learn how to use Word templates to create flyers, a cover letter, and a resume. Students also learn to use Excel to create a basic spreadsheet and add basic Excel functions. In addition, students send emails with attachments using Outlook.

Computer Science

The study of computer science leads to a variety of careers that require core skills such as programming, and data structures. In today's world, cloud computing, security, and web development are key areas of interest in all industries. Additional areas of study include computer architecture, databases and networks. Computer science careers titles include programmer, software developer, systems analyst, database administrator, systems administrator among many others. Keyboarding skills of 25 words per minute or enrollment in OFTECH 1A or 9A are recommended for computer programming classes.

CS 3, Introduction to Computer Systems 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**No UC credit for CIS 1 or 4 if taken after CS 3.*

This is a beginning course intended for students who plan to take additional computer science courses. The course covers an introduction to programming concepts such as designing, coding and testing. Other concepts such as computer hardware, operating systems, compilers and databases are also discussed. The Internet and an introduction to cybersecurity and cloud computing are also included.

CS 5, Programming Logic 3 units

Transfer: CSU

- Prerequisite: None.

This course is designed to prepare the student for a programming course. It concentrates on problem solving using: Simple Sequence, Selection, Downtime, Case, and Downtime Control Structure. It covers Structure chart, Flowchart and Pseudocode.

CS 6, Virtual Worlds and Game Programming 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3.

Using Alice, an authoring tool, students will build interactive, animated 3-D virtual worlds. Virtual worlds are interactive, simulated environments that accept human input and provide output in the form of images, sounds, and forces. The software students create will enable them to move around in the virtual world and see it from different angles. Students will create interactive "virtual worlds," games and simulations that can be viewed in a web page. By building these virtual worlds, students will learn the basics of Object-Oriented programming and basic programming logic.

CS 7, Programming for Non-Computer Science

Majors

3 units

Transfer: CSU

This introductory course covers programming concepts and techniques applicable to those with no computer science background. The course is designed to assist those in non-computer science fields to develop small-scale projects. Topics covered include computer organization, data representation, variables, branching, loops, procedures, external access and the web. Tools used include HTML5, CSS3, Javascript, and JQuery.

CS 8, Systems Analysis and Design

3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Any computer programming course.

This advanced course requires students to be proficient in programming. Students with little programming experience are encouraged to take additional programming courses before enrolling in this course.

In this course students learn how to design a software system from data collection, analysis and design to final output including forms, flowcharts, and documentation. It covers the tools and techniques used in analysis, design, and project management, such as the preparation of systems specifications, detail system designs, Gantt charts, and data-flow diagrams. In this course students develop a complete system; however this course does not cover any programming concepts.

CS 9A, Technology Project Management I

3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3 or CIS 1.

This course covers the fundamentals of Project Management theory, implementation, and best practices. It is aimed at students who work mostly in the Technology sectors covering software and website development, and other areas of computer science or information systems. Students will learn the theory, as well as the use of Project Management software to plan, track and manage project resources. Topics covered include project life cycles, tasks, schedules, resources, and costs.

CS 9A is the same course as CIS 9A. Credit may be earned for one, not both.

CS 9B, Technology Project Management II

3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 9A or CIS 9A.

This course covers advanced topics of Project Management theory and practice. Students will learn how to manage projects with changing tasks and schedules, and to adjust their resources and budgets. Also covered are leadership and communication skills. Students will complement the theory with case studies and the use of Project Management software.

CS 9B is the same course as CIS 9B. Credit may be earned for one, not both.

CS 15, Visual Basic Programming**3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 3.

This introductory course covers basic programming constructs and techniques using VB.Net. Students will learn how to plan, create and debug code based on Object Oriented Programming design and analysis techniques. Topics covered include Data Types, Variables, Decision Statements, Loops, Arrays Input/Output, and basics of Object Oriented Programming using Classes and Objects. *VB .NET compiler software is included in course material. This course helps students pass Microsoft Certification Exams.*

CS 17, Assembly Language Programming**3 units**

Transfer: UC, CSU

C-ID: COMP 142.

- Prerequisite: None.
- Advisory: CS 50.

Assembly Language allows the programmer to fully utilize all of the special features of the computer in the most efficient manner. It also aids the high-level language programmer in writing subroutines. The student will write Assembly Language programs that utilize the Intel Pentium chip architecture.

Students must have access to a Pentium-chip compatible computer system. Software included in course material.

CS 18, Advanced Assembly Language Programming**3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 17.

This course is a continuation of Assembly Language Programming. The student will write complex assembly programs utilizing the full range of the computer's features. Problem solving through planning coding, testing, and debugging will be emphasized.

Students must have access to a Pentium-chip compatible computer system. Software included in course material.

CS 19, Advanced Visual Basic Programming**3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 15.

This course covers advanced programming techniques using Visual Basic .NET. Topics include Structures, Classes, Events, Inheritance, and Polymorphism, Overloading, Dynamic Binding, Multiple Document Interface, Windows API, Collections, and Exception Handling. Students also learn how to interface to Databases and build Web forms.

VB. NET compiler software is included in course material. This course helps students pass Microsoft Certification Exams.

CS 20A, Data Structures with C++**3 units**

Transfer: UC, CSU

C-ID: COMP 132.

- Prerequisite: CS 52.

This advanced programming course will use the C++ language to teach methods of representing and manipulating data within a computer. Topics include stacks, queues, trees, sorting, searching, modeling, and dynamically created storage spaces. Students will learn the problem solv-

ing skills necessary to write complex computer programs and to make important software design and maintainability decisions.

Software included in course material.

CS 20B, Data Structures with Java**3 units**

Transfer: UC, CSU

C-ID: COMP 132.

- Prerequisite: CS 56.

This course is an introduction into the study of computer algorithms and data structures. This advanced programming course will use the Java language to teach methods of representing and manipulating data within a computer. Topics include stacks, queues, trees, sorting, searching, modeling, and dynamically created storage spaces. Students will learn the problem solving skills necessary to write complex computer programs and to make important software design and maintainability decisions.

CS 22, Introduction to Mobile Robots**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3.

This course describes the hardware, software, and operation of mobile robots that interact with changing environments. Hardware includes computers and other controllers, motors and artificial muscles, arms, grippers, ultrasonic sensors, whiskers, and cameras. Using a graphical interface on a PC, students will learn to program and operate a robot that can recognize objects and speech, talk back, and navigate around a cluttered room.

CS 25, Embedded Systems**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3.

This is an introductory course on embedded systems design, the use of computers in devices (cell phones, cars, wrist watches, home security systems, etc.) rather than as stand-alone units. Students are directed to design solutions for real world applications using hardware and software. We will discuss the characteristics that define an embedded system and contrast those against that of a stand-alone computer. Students will also look at a variety of applications utilizing embedded processors (microcontrollers). Finally, students will write programs that interact directly with external hardware utilizing a Stamp microprocessor development board.

CS 30, MATLAB Programming**3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Math 7.

MATLAB is a scientific computing tool for data modeling and analysis, image processing, and other data intensive applications. This class is designed for science major students. It covers the basics of programming using MATLAB and uses numerical methods as an application to help students learn how to accelerate simple and complex numerical data modeling and analyses.

CS 32, Database Programming in Visual Basic.Net 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 15.

VB.Net is an object-oriented programming language that is part of the .Net Microsoft suite. It provides a graphical programming environment used to create applications for Microsoft Windows and the Web. This course covers advanced concepts for VB .NET that relate to interfaces to databases. Topics include Object Oriented Programming, database interfaces programming, SQL query language, using LINQ and EM, and applying security measures in connections.

VB .NET compiler software is included in course material.

CS 33, C# Programming 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 19 or CS 50.

C# (read as C-Sharp) is a modern object-oriented language that enables programmers to quickly build solutions for the Microsoft.NET platform. In this class, programmers will learn to build C# components for use by Web and Windows-based applications. Students will generate MSIL (Microsoft Intermediate Language) code and PE (Portable Executable) files that utilize the services of the CLR (Common Language Runtime) which are all part of the Microsoft.NET platform. *Software included in course material. This course helps students in passing Microsoft Certification Exams.*

CS 34A, Game Programming 1 3 units

Transfer: CSU

- Advisory: CS 3.

This course explores how to develop video games using software tools with underlying programming capabilities. Students learn the beginning skills needed to employ code to script the many game components necessary and use 2D and 3D physics, menu systems, and animations in test-driven development. The course also covers navigation and mobile touch.

CS 36, Fortran Programming 3 units

Transfer: UC, CSU

- Advisory: CS 3.

FORTRAN is a high level language used predominantly in mathematical and scientific applications. Upon completion of CS 36, students will understand the syntax and semantics of FORTRAN, be able to apply the fundamental principles of top down algorithmic design (using pseudocode and flowcharts) to the solution of computer problems, and know how to code, test, and debug programs in this language.

CS 37, Web Programming in VB .Net 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 15.

VB .Net is an object-oriented programming language that is part of the .Net Microsoft suite. This course covers Web application development, including the use of ASP and VB .NET. Topics include ASP .NET, Web forms and controls, Web data access, state management, Web services, using AJAX and security measures implementation.

CS 40, Operating Systems 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 17.

This course provides a functional understanding of operating systems. Topics include memory and process management under multiprogramming, devices and file systems, and user interfaces. Foundation concepts reviewed at the outset include hardware architecture, CPU instruction sets and machine language, number systems, and data structures. UNIX is used to demonstrate concepts, commands, and programming languages.

CS 41, Linux Workstation Administration 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 50.

This is a foundation course in the Linux operating system. Booting a Linux machine is dissected, from BIOS firmware to authenticated user shell. Use of shell commands, editors, programming tools, and GUIs are emphasized. Students learn to write shell script programs and install applications using the open source software distribution model. Unix process creation is detailed and a 20-line tutorial shell is developed. Local administration tasks are covered, including user account management, backup, task scheduling, logging, and clock time synchronization. As time allows recompilation of the kernel from source code will be performed.

CS 42, Digital Logic 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Math 20.

This course provides an introduction to fundamental operations and components that make computers possible. Topics include: number systems; Boolean algebra and logic gates (AND, OR, NOT, XOR, and NAND); simplification of Boolean functions; combination logic; sequential logic; design of the adder, subtractor, ROM, decoder, and multiplexer; register transfer logic; and processor logic, control logic, and microcomputer system design.

CS 43, Windows Network Administration 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 70.

This course provides students with the knowledge necessary to understand and identify the tasks involved in supporting Microsoft Windows Networking Operating Systems. It covers topics such as installing and configuring Windows Servers to create File, Print, Web, and Terminal servers, and manage and support a network infrastructure that uses the Microsoft Windows Server products. The course also focuses on Windows Active Directory services, implementing Group Policy and performing the Group Policy related tasks that are required to centrally manage users and computers.

CS 50, C Programming 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 3.

This course will include a review of the concepts of structured programming, error checking, sorting, searching, data types, advanced array handling methods, pointers, and data

structures. Applications in business, mathematics, and science will be discussed.

CS 51, Visual C++ Programming 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 52.

C++ handles large programs by packaging sections of interrelated code into discrete, independent parts named objects. Visual C++ adds the Microsoft Foundation Class library making it a powerful Windows programming tool. This course will cover Dynamic Link Libraries, advanced view handling, customizing status bars, operator overloading OLE containers and servers, the Microsoft Foundation class library, serialization, windows timers, graphics, metafiles, multiview programs, graphics display controls, and screen capture.

Software included in course material.

CS 52, C++ Programming 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 50.

This course is a continuation of C language programming using the C++ superset of C. C++ offers the following enhancements to C: operator and function overloading, information hiding, inheritance, and virtual functions. C++ will be used in the context of both traditional and object-oriented programming.

Software included in course material. This is an advanced programming course. It is strongly recommended that students take CS 50 prior to CS 52.

CS 53A, iOS Development with Swift 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 50.

Swift is an object-oriented language designed for iOS, Apple's advanced mobile platform. In this course, students will learn the syntax and semantics of Swift, be able to apply fundamental principles of top-down algorithmic design to solve computer problems, and learn how to code, test and debug programs in this language using the XCode, the Apple integrated development environment.

Students will need access to Intel-based Mac computers, but do not need to have a mobile device such as an iPad or iPhone. Students will be provided XCode to download, if needed.

CS 53B, iOS Mobile App Development 3 units

Transfer: CSU

- Prerequisite: CS 53A.

This course teaches how to design, develop, test and debug applications that run on Apple iOS, a software stack for Apple mobile devices that includes an operating system, middleware and key applications. Topics include the Cocoa Multi-Touch programming framework, the Model-View-Controller design paradigm, application structure, strings, graphics, user interfaces and storage.

Students will need access to Intel-based Mac computers, but do not need to have a mobile device such as an iPad or iPhone. Students will be provided XCode to download, if needed.

CS 54, Object-Oriented Analysis and Design 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 19 or 52 or 55.

This course covers the major object-oriented modeling methodologies: UML, OMT and BOOCH. The course explores the use of these methodologies in the context of designing and implementing object-oriented software application.

Software included in course material.

CS 55, Java Programming 3 units

Transfer: UC, CSU

C-ID: COMP 122.

- Prerequisite: None.
- Advisory: CS 19 or 50.

Java is a general-purpose language for writing platform-independent, robust, secure programs. This course is intended for students who have completed a course in C programming. Students will learn how to develop Java applications and applets. Topics covered include the Java programming language, object-oriented programming (OOP), the Java applications programming interface (API), and graphical user interfaces (GUI's).

CS 56, Advanced Java Programming 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: CS 55.

Java is a general-purpose language for writing platform-independent robust, secure programs. This course continues where CS 55 leaves off in developing mastery of the use of Java programming language and its extensive APIs. Topics covered include exceptions, multithreading, multimedia, Input/Output, Java Database Connectivity (JDBC), Servlets, Remote Method Invocation (RMI), and networking.

CS 60, Database Concepts and Applications 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3.

This course introduces modern database concepts while emphasizing the relational database model. Topics include design methodologies, normalization of tables to reduce redundancies, supertypes and subtypes to reduce nulls, data integrity, referential integrity, and using locks and other techniques for concurrency control in a multi-user database. Factors that should be balanced during the design of a database are described. To document databases, entity relationship diagrams, relational schemas, and data dictionaries are described. Principles are applied by performing exercises using MySQL or other database management system. SQL and other languages are used to create and fill tables, retrieve data, and manipulate it by stored programs.

CS 61, Microsoft SQL Server Database 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3.

Microsoft SQL Server is a popular midrange relational database management system (DBMS) that is used in client/server systems and as a personal DBMS. It can be accessed through the Internet. Topics covered in this course include installing the software, principles of relational databases; creating databases, tables, indexes, and views; inserting, deleting, and updating raw data; updating transactions; and

querying the database. With the Transact-SQL extensions, topics include creating functions, procedures, and triggers stored in the database.

CS 65, Oracle Programming **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3 and one programming class.

This course is a practical, hands-on overview of the Oracle Database Management System to store, retrieve, and manipulate data. Oracle is a widely used database that runs on PC's, minicomputers, and mainframes, and Oracle programmers and developers are very much in demand. Oracle's SQL is used to create and alter tables with various constraints. Data is retrieved and manipulated by using SELECTS that can group data and retrieve data from several tables by joining them or by using set operations. Views are created. PL/SQL, with its variables, symbolic constants, IF statements, and loops is used to program stored functions, stored procedures, and triggers. Cursors and error handling (exceptions) are introduced.

CS 66, Advanced Oracle **3 units**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: CS 3 and CS 65.

This course expands on topics covered in the basic Oracle course. The topics include SQL, SQL*Plus, Developer 2000, and DBA tasks. In addition, it will cover in detail the varied aspects of Designer 2000, a software suite instrumental in analyzing, designing, and building large scale Oracle applications.

CS 68, Oracle Database Administrator **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 65.

This course offers hands-on experience as a Database Administrator (DBA) using an Oracle server. Topics include a DBA's responsibilities, Oracle architecture, installing Oracle software, configurational options, managing RAM and disk space, managing database changes, managing transactions, tuning and monitoring database resources such as space, transactions, memory, and file usage.

CS 70, Network Fundamentals and Architecture **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: One programming course.

This course offers a broad introduction to networking concepts and analyzes different network architectures. Introductory topics include network topologies, media and signaling, protocols, addressing, and distributed networks. The varied ways to connect computers are explored as are the resulting architectures. The course explores subnetting, both physical and virtual and internetworks are constructed in the lab. Server programs are introduced to demonstrate their signature socket-API structure. Specific real-world services such as the apache web server, BIND name server, NFS and Samba file system servers, DHCP address server, and others are discussed.

CS 71, Introduction to Windows NT

Workstation

3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 70.

This course is an introduction to the Windows NT Operating System. Topics include installation and configuration of the Windows NT Workstation, files and directories, security structures, TCP/IP and NetWare connectivity, printing, performance tuning, and troubleshooting.

CS 73A, Fundamentals of Computer Security **3 units**

Transfer: CSU

C-ID: ITIS 160.

- Prerequisite: None.
- Advisory: CS 3 and CS 70.

In this introductory course students will learn how to defend and protect critical computer assets from various security threats including computer worms and viruses. This course will describe fundamental techniques and principles for modeling and analyzing security. Students will learn how to express security requirements, translate requirements into policies, implement mechanisms that enforce policy, and ensure that these policies are effective. Current industry best practices for safeguarding computer resources will be discussed. Various case studies will outline the typical way that security failures get exploited by attackers and how these attacks can be discovered, understood, and countered.

CS 73B, Computer Forensics Fundamentals **3 units**

Transfer: CSU

C-ID: ITIS 165.

- Prerequisite: None.
- Advisory: CS 73A.

In this course, students will learn the principles and techniques of network forensics investigation and the use of available forensics tools in the list of the International Association of Computer Investigative Specialists (IACIS) certification. This course explores security incidents and intrusions, including identifying and categorizing incidents, responding to incidents, using log analysis, analyzing network traffic, applying various tools, and creating an incident response team. Students will also learn about ethical implications of computer forensics reporting and the laws regarding computer evidence.

CS 73C, Cybersecurity and Ethical Hacking **3 units**

Transfer: CSU

C-ID: ITIS 164.

- Prerequisite: None.
- Advisory: CS 73A.

This course provides an in-depth understanding of how to protect IT infrastructure. The course combines ethical hacking methodologies with the hands-on application of security tools to secure computer and other digital systems. Students are introduced to common countermeasures that effectively reduce and/or mitigate attacks. In addition, the course covers what an ethical hacker is and how important it is to protect data from cyber attacks. Students will review TCP/IP concepts and practice footprinting, scanning, enumeration, exploitation, and social engineering.

CS 73L, Cybersecurity Literacy**3 units**

Transfer: CSU

Technology, through the use of cellphones, tablets, desktops and embedded systems, surrounds us everywhere and is a part of our daily life. With the ubiquity of device use, and global-scale data transfers, users are vulnerable to the temptations of cyber-criminals. In this course, students learn how to use technology safely. The course also introduces basic concepts of cybersecurity and explores careers in this field. This course is intended for any non-major student who wants to be a savvy user in the world today.

CS 74A, Security in VB .NET Applications**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 15.

This course provides students with the tools needed to implement security in designing and developing applications written in Microsoft Visual Basic .NET. Topics include encryption, security practices, securing remote applications such as ASP and remote databases. Upon completion of this course, students will be able to develop applications that can handle threats and respond to them more securely.

CS 74B, Security in J2EE Applications**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 55.

This course provides students with the tools needed to implement security in designing and developing applications utilizing the Java 2 Platform. Topics include encryption, security practices, securing remote applications such as secure web servers and remote databases. Upon completion of this course, students will be able to develop applications that can handle threats and respond to them more securely.

CS 75, Network Protocols and Analysis**2 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 70.

This course introduces major protocols and their roles in protocol suites with emphasis on TCP/IP. Detailed coverage is given to at least one protocol at each layer, the main application level protocols and at least one security protocol. Analytic programs such as ping, traceroute, and packet capture are studied and applied as tools to protocol analysis. The Wireshark packet capture and protocol decoder program is centrally utilized.

CS 76A, Cryptocurrency and Cryptoassets**3 units**

Transfer: CSU

This course will cover the basic properties of cryptocurrencies and the underlying blockchain technology. Students will learn the origins of cryptocurrencies, how cryptocurrencies work as well as real world practical applications of cryptocurrencies. This course provides a broad overview of technologies required to purchase, store, and mine cryptocurrencies. Students will learn how blockchain is being used to support cryptocurrencies and the advantages blockchain provides. Students will also gain an understanding of the various cryptoassets such as the various coin, tokens and crypto collectibles.

CS 76B, Fundamentals of Blockchain**3 units**

Transfer: CSU

This course covers Blockchain fundamentals including such topics as advantages and disadvantages of Blockchain, decentralized application design, different types of Blockchains and use cases for Blockchain adoption. In this course, we will study basic algorithms and data structures used to build Blockchains. Including such topics as how to store a transaction in a block, nodes used to maintain consensus, and mining.

CS 77A, Salesforce Administration Essentials**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CIS 1 or CS 3.

This course introduces students to Salesforce, the industry-leading customer relationship management system. Topics include: data model and navigation; setting up company profiles, user interface and security. Students will create customized records, manage data, run reports, navigate system apps and other applications including personalizing the program to suit various business needs.

CS 77B, Salesforce Developer Essentials**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 77A and CS 55.

This course covers how to create applications using the Salesforce platform services and tools. Topics include designing and managing data models, configuring application security, designing user interfaces and customizing the application for mobile user and Lightning users. It also focuses on VisualForce to develop custom applications that make use of the Model-View-Controller paradigm by coding in Apex, using Lightning Components and the Salesforce Object Query Language (SOQL).

CS 78, Secure Server Installation and Administration**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 70.

In this course students will study network service administration. This course covers physical BIOS and bootloader security, password strength and cracking, file system permissions, authentication mechanisms, remote backup and logging, and installation strategies as machine-level security considerations. A variety of particular service applications like Apache (web service) and BIND (name service) are then studied, emphasizing their strengths, weaknesses, and how to configure them for security through wrappers, file system access jails, and other mechanisms.

CS 79A, Introduction to Cloud Computing**3 units**

Transfer: CSU

- Prerequisite: CS 3.

This course introduces cloud computing which shifts information systems from on-premises computing infrastructure to highly scalable internet architectures. The course provides a solid foundation of cloud computing technologies and provides students with the understanding required to effectively evaluate and assess the business and technical benefits of cloud computing and cloud applications. Students analyze a variety of cloud services (storage, servers and software applications) and cloud providers. Case

studies will be used to examine various industry cloud practices and applications. The course also surveys cloud careers and discusses industry demand for cloud skills.

CS 79B, Database Essentials in Amazon Web Services **3 units**

Transfer: CSU

- Prerequisite: CS 79A.

This course addresses cloud database management which supports a number of different approaches for storing data. In the course, students define, operate and scale both SQL and noSQL data storage solutions. This course considers factors that should be balanced during the design of a storage solution. Principles are applied by performing exercises using Amazon RDS and SQL to create and fill tables, retrieve and manipulate data. Object-based APIs are used to serialize objects to Amazon DynamoDB for noSQL solutions. Topics include automated backups, transaction logs, restoration and retention.

CS 79C, Compute Engines in Amazon Web Services **3 units**

Transfer: CSU

- Prerequisite: CS 79A; and (CS 55 or CS 87A or CS 83R or CS 85).

In this course, students explore how cloud computing systems are built using a common set of core technologies, algorithms, and design principles centered around distributed systems. Students will use the Amazon Web Services (AWS) Management Console to provision, load-balance and scale their applications using the Elastic Compute Cloud (EC2) and the AWS Elastic Beanstalk. The course discusses, from a developer perspective, the most important reasons for using AWS and examines the underlying design principles of scalable cloud applications.

CS 79D, Security in Amazon Web Services **3 units**

Transfer: CSU

- Prerequisite: CS 79A.

This course focuses on protecting the confidentiality, integrity and availability of computing systems and data. Students learn how Amazon Web Service (AWS) uses redundant and layered controls, continuous validation and testing, and a substantial amount of automation to ensure the underlying infrastructure is continuously monitored and protected. Students examine the AWS Shared Responsibility Model and access the AWS Management Console to learn more about security tools and features provided by the AWS platform.

CS 79E, Best Practices in Amazon Web Services **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 79C and CS 79D.

In this advanced course, students will learn how to use the AWS Well-Architected framework that has been developed as a guideline to cloud architects to implement the most secure, high-performing, resilient and efficient infrastructure possible for their applications. Using case studies and class projects, students will apply the five pillars of operational excellence, security, reliability, performance efficiency and cost optimization on AWS architected infrastructures.

CS 79F, Machine Learning on AWS **3 units**

Transfer: CSU

- Advisory: CS 79A.

This course will cover how business decisions can be made into machine learning problems for deeper business insight. We will cover the terms and concepts required to help you learn and build a good foundational understanding of machine learning, artificial intelligence and deep learning. You will learn the various Amazon Web Services Machine Learning stack, Artificial Intelligence and Deep Learning services, using application use cases, frameworks and infrastructure that will allow us to build, train, and deploy learning models at scale. Data is a vital part of machine learning, we will cover how business data is stored, moved and processed throughout the machine learning pipeline.

CS 79X, Data Science on Azure **3 units**

Transfer: CSU

- Advisory: CS 79A.

In this course, students will learn how Machine Learning can yield deeper insights in different industry domains. Students will learn the various Azure tools and services for developing and deploying predictive solutions using Azure Artificial Intelligence, Machine Learning and Deep Learning. By using application use cases, frameworks and infrastructure, students will build, train, and deploy learning models at scale. Since data is a vital part of machine learning, we will cover how data is stored, moved and processed throughout the machine learning pipeline.

CS 79Y, Microsoft Azure Database Essentials **3 units**

Transfer: CSU

- Advisory: CS 79A and CS 79Z.

In this course, students will learn to deploy relational and non-relational databases in Azure. Students will define, operate and scale both SQL and noSQL data storage solutions. Principles are applied by performing exercises using the Azure SQL Database service as well as Azure Storage Explorer. Students will store, manage and analyze data in all the different storage options offered in Azure including blob storage, file storage, table storage, queue storage, Cognos DB and Azure Data Lakes.

CS 79Z, Microsoft Azure Essentials **3 units**

Transfer: CSU

- Advisory: CS 79A.

In this course, students will gain the skillset needed to implement Infrastructure as a Service on the Azure cloud platform. The course will cover how to assess and plan a cloud migration from on premises infrastructure to Azure. Students will learn how to manage Azure resources, including deployment and configuration of virtual machines, virtual networks, storage accounts, and Azure active directory services to manage user and groups. Students will also learn how to manage a pool of nodes using batch jobs.

CS 80, Internet Programming **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 3.

This course covers the basic technologies used to program Web-based applications. Topics include: HTML5, Cascading Style Sheets (CSS), XML and JavaScript, along with a basic survey of the latest extensions on JS.

CS 81, JavaScript Programming 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 80.

This introductory programming course teaches the fundamentals of computer programming with the JavaScript language, the standard for client-side Web programming. It offers a thorough treatment of programming concepts with programs that yield visible or audible results in Web pages and Web-based applications. It shows how to use Core and Client-Side JavaScript and the Document Object Model to build interactive, high-performance Web sites.

This course uses JavaScript which is open-source (free) software.

CS 82, ASP.NET Programming in C# 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 33.

Server-side Web programming allows programmers to create content and process data supplied in Web forms to create websites. These applications process data submitted from Web forms and access backend databases to dynamically generate Web pages. Students will design and write web pages using ASP 2.0 (Active Server Pages), Visual Studio. NET and the C# programming language.

CS 82A, Introduction to Data Science 3 units

Transfer: CSU, UC

In this course, students will explore the field of data science and the possible career pathway that can be taken. Students will learn how the data science process can be used to address real-world problems. The course will cover a basic introduction to the key areas of data science including data acquisition and management, data modeling, analysis visualization, and data reporting. Students will be introduced to tools to analyze and visualize data for data-driven decision making.

CS 82B, Principles of Data Science 3 units

Transfer: CSU, UC

- Advisory: CS 82A.

In this course students will focus on the data science pipeline including problem formulation, data cleaning and preprocessing, exploration of data with visualization, model prediction and inference for decision making. Students will use different software tools and programming for each step of the data science pipeline, include data exploration and transformation, algorithms for machine learning concepts such as classification, regression, and clustering. In addition, students will learn how to effectively present any findings to an audience.

CS 82C, R Programming 3 units

Transfer: CSU, UC

- Advisory: CS 82A.

R is a commonly used programming language for data analysis, data visualization, machine learning, and data science. In this course students will learn the fundamentals of R syntax, how to organize and modify data, prepare data for analysis, and create visualizations.

CS 83, Server-Side Java Web Programming 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 55 and CS 81.

This course teaches how to design and write applications that extend Web servers. These applications process data submitted from Web forms and access backend databases to dynamically generate Web pages. This course covers the Java Servlets and JavaServer Pages (JSP) server-side technologies.

CS 83R, Server-Side Ruby Web Programming 3 units

Transfer: CSU

C-ID: ITIS 130.

- Prerequisite: None.
- Advisory: Computer Science 60 and 80 and one of the following: CS 15 or 52 or 53A or 55.

This course teaches how to design and write applications utilizing Ruby on Rails, an open-source web application framework based on the Ruby programming language. In this course, students will create applications that gather information from a web server, query databases and render results.

CS 84, Programming with XML 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 80 and CS 55 or CS 52 or CS 33.

XML (Extensible Markup Language) is a flexible way to create “self-describing data” and to share both the format and content on the World Wide Web, intranets and elsewhere within an enterprise. In this advanced course, students will use XML and learn to tag and transform XML documents so that they can be processed by web browsers, databases and other XML processors. With the industry-standard SAX and DOM API standards, students will create XML applications that read, write and modify XML documents.

This course assists students in passing Microsoft Certification Exams.

CS 84A, Google IT Support Fundamentals I 3 units

Transfer: CSU

This course is the first of a three course series that aims to prepare students for a role as an entry-level IT Support Specialist. In this course, students will be introduced to different facets of Information Technology. Topics covered include computer hardware and software, the Internet, computer networking, modern networking technologies, protocols, and troubleshooting. Students will learn the Five Layer Network Model consisting of Physical, Data Link, Network, Transport, and Application and how network devices communicate.

Upon students successfully completing this course series Google will award the IT Support Specialist certificate to them to share as a badge in LinkedIn.

CS 84B, Google IT Support Fundamentals II 3 units

Transfer: CSU

- Prerequisite: CS 84A.

This course is the second in a three course series that aims to prepare students for a role as an entry-level IT Support Specialist. In this course, students will learn the main components of an operating system via hands-on labs in Linux and Windows that practice critical administrative tasks to manage software, organize user accounts and configure

hardware devices. Students will learn about the infrastructure services that keep all organizations, big and small, up and running. Students will be introduced to the typical cloud infrastructure that manages cloud resources and learn various tools and techniques that can help to recover an organization's IT infrastructure in the event of a failure or disaster.

Upon students successfully completing this course series Google will award the IT Support Specialist certificate to them to share as a badge in LinkedIn.

CS 84C, Google IT Support Fundamentals III 3 units

Transfer: CSU

- Prerequisite: CS 84B.

This course is the third course in a three course series that aims to prepare students for a role as an entry-level IT Support Specialist. In this course, students learn a wide variety of IT security concepts, tools, and best practices. Common threats and attacks are described along with methods for reducing potential vulnerabilities. Encryption algorithms are discussed along with how they can be used to safeguard data. Students also learn network security solutions, ranging from firewalls to Wi-Fi encryption options and how to integrate a culture of security into an organization.

Upon students successfully completing this course series Google will be awarded the IT Support Specialist certificate to them to share as a badge in LinkedIn.

CS 85, PHP Programming 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: CS 81.

This course teaches how to design and write applications that extend Web servers. These applications process data submitted from Web forms and access back-end databases to dynamically generate Web pages. This course covers the PHP server-side technology. PHP, which stands for "PHP: Hypertext Preprocessor" is a widely-used, Open Source, general-purpose scripting language that is especially suited for Web development and can be embedded into HTML.

This course uses PHP and MySQL which are open-source (free) software.

CS 86, Android Development 3 units

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: CS 56.

This course teaches how to design, develop, test, and debug applications that run on Android, a software stack for mobile devices that includes an operating system, middleware and key applications. Topics include the Android Software Development Kit (SDK), design principles, application structure, strings, graphics, user interfaces, animation, storage, networking, telephony, Location-Based Services (LBS), multimedia, 3D graphics, notifications, and services.

CS 87A, Python Programming 3 units

Transfer: UC, CSU

C-ID: COMP 112.

- Prerequisite: None.
- Advisory: CS 3.

This course introduces the Python programming language. Students will learn how to write programs dealing in a wide range of application domains. Topics covered include

the language syntax, IDE, control flow, strings, I/O, classes and regular expressions. Students may use either a PC (Windows) or a Mac (Linux) to complete their programming assignments.

CS 87B, Advanced Python Programming 3 units

Transfer: UC, CSU

- Advisory: CS 87A.

This course builds on a first level course in Python exposing students to more advanced topics and applications to industry. Topics cover object-oriented programming, creating classes and using objects, web applications, and some common libraries and their functions used for data manipulation. Students may use either a PC (Windows) or a Mac (Linux) to complete their programming assignments.

CS 88A, Independent Studies in Computer Science 1 unit

Transfer: CSU

Please see "Independent Studies" section.

CS 88B, Independent Studies in Computer Science 2 units

Transfer: CSU

Please see "Independent Studies" section.

CS 88C, Independent Studies in Computer Science 3 units

Transfer: CSU

Please see "Independent Studies" section.

CS 90A, Internship in Computer Science 1 unit

Transfer: CSU

Please see "Internships" section.

CS 90B, Internship in Computer Science 2 units

Transfer: CSU

Please see "Internships" section.

Cosmetology

Cosmetology is a career technical all-inclusive program that prepares students for a wide range of careers within the beauty industry. The curriculum offers a theoretical and practical component along with a hands-on approach to learning that includes up-to-date interactive demonstrations and training on clients in a salon setting. This prepares the students to possess the knowledge and skills for career opportunities in the beauty industry such as haircutting, hairstyling, colorist, chemical specialist, skin and nail spas, sales and entrepreneurship. Students are coached in the importance of professionalism and creativity in an experiential learning environment with motivated faculty. Upon completion of the courses, students are prepared to take and pass the California State Board of Barbering and Cosmetology exam to become a licensed cosmetologist, esthetician or manicurist. Courses may lead to an associate degree in cosmetology and/or a certificate of achievement. Students may attend the programs on a full or part time basis.

COSM 10A, Related Science 1A 1 unit

- Prerequisite: None.

This course provides essential theory carefully formulated to prepare a student to pass the written Barbering,

Cosmetology, Esthetics, and/or Nail Care State Board Examinations. Basic concepts of bacteriology, sanitation, health and safety, and physiology pertaining to the head, face, hands and arms, are included in this course.

COSM 10B, Related Science 1B **1 unit**

- Prerequisite: None.

This course provides essential theory carefully formulated to prepare a student to pass the written Barbering, Cosmetology, Esthetics, and/or Nail Care State Board Examinations. Concepts of the State Board of Cosmetology Act and Regulations will be included as well as health and safety.

COSM 11A, Hair Cutting 1 **0.5 units**

- Prerequisite: None.

This is the first hair cutting class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the State of California. This course is designed to teach beginning students safety and the basic techniques of hair cutting to create a variety of hair designs.

COSM 11B, Hair Styling 1 **0.5 units**

- Prerequisite: None.

This is the first hairstyling class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the State of California. This course is an introduction to hairstyling. The students will learn the basics of hairstyling including technique of rollers, pin curls, and finger waving. Students will learn how to create hairstyles to pass the State Board of Barbering and/or Cosmetology.

COSM 11C, Hair Coloring 1 **0.5 units**

- Prerequisite: None.

This is the first hair coloring class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the State Board of California. The course will introduce hair coloring techniques, safety, chemistry as it relates to hair coloring and proper use of tools. Students will learn how to apply a patch test, strand test, temporary, semi permanent, permanent hair coloring, virgin tint, hair retouch, frosting, and weaving techniques.

COSM 11D, Permanent Wave 1 **0.5 units**

- Prerequisite: None.

This is the first permanent wave class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the state of California. This course is designed to educate the students on permanent waving techniques and applications. It will provide a complete foundation for all permanent wave procedures. This class will enable the students to pass the California State Board of Barbering and/or Cosmetology exam.

COSM 11E, Curly Hair Techniques 1 **0.5 units**

- Prerequisite: None.

Formerly COSM 14A.

This is the first curly hair technique class required for all students who wish to be licensed for Barbering and/or Cosmetology by the State of California. This course is an introduction to curly hair care. Students will learn thermal hair straightening techniques using the basic manipulative skills and proper application of thermal hair processing on curly and excessively curly hair.

COSM 16, Nail Care 1 **0.5 units**

- Prerequisite: None.

This is the first Nail Care class required for all entering students who wish to be licensed for Barbering, Cosmetology, and/or Nail Care by the State of California. This course provides an introduction to the basic manipulations skills in manicuring and pedicuring. The course includes the basic concepts of physiology pertaining to the hand and arm. This course is one of four in a series necessary to qualify a student to take the state Board of Barbering, Cosmetology, and/or Nail Care exam.

COSM 18, Skin Care 1 **0.5 units**

- Prerequisite: None.

This is the first skin care/esthetician class required for all entering students who wish to be licensed for Cosmetology, and/or Esthetics in the State of California. This course is an introduction to the principles and practice of esthetics (skin care). The course includes health and safety concerns: sanitary practice, safe use of tools and equipment. Basic concepts of anatomy and chemistry related to the skin care profession, manipulations, masks, packs, client consultation, skin analysis, conditions, disease and introduction to basic eyebrow arching are included.

COSM 20, Related Science 2 **1 unit**

- Prerequisite: None.

This class is required for all entering students who wish to be licensed for Barbering, Cosmetology, Esthetics, and/or Nail Care by the state of California. This course provides essential theory carefully formulated to prepare a student to pass the written State Board examination. Students are instructed in the basic concepts of health, safety and related chemistry.

COSM 21A, Hair Cutting 2 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 11A.

This is the second hair cutting class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the State of California. This course is the continuation of Cosmetology 11A. The students will learn more advanced techniques of haircutting with the use of may different types of cutting tools.

COSM 21B, Hair Styling 2 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 11B.

This is the second hair styling class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the State board of California. This course is a continuation of Cosmetology 11B. Students will continue to learn more hairstyling techniques and proper use of blow drying and electric curling iron.

COSM 21C, Hair Coloring 2 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 11C.

This is the second hair coloring class required for all entering students who wish to be licensed for Barbering and/or Cosmetology in the State of California. The student will learn how color affects our lives. They will learn the different types of hair color, including henna, tints, and bleaches. They will have hands on workshops and will learn salon foil-

ing techniques. This class provides a complete foundation for color and bleaching procedures.

COSM 21D, Permanent Waving 2 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 11D.

This is the second permanent waving class required for all entering students who wish to be licensed for Barbering and/or Cosmetology in the State of California. This course is a continuation of Cosmetology 11D. This course provides an approach to advanced permanent waving techniques using real products in a hands on workshop.

COSM 21E, Curly Hair Techniques 2 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 11E.

Formerly COSM 14B.

This class is required for all students who wish to be licensed for Barbering and/or Cosmetology by the State of California. This course is the second class in curly hair care. Students will learn chemical and thermal hair straightening, soft perm techniques using the basic manipulative skills and proper application of thermal hair processing, curling, and chemical relaxing for excessively curly hair.

COSM 26, Nail Care 2 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 16.

This is the second nail care class required for all entering students who wish to be licensed for Cosmetology and/or Nail Care by the State of California. The student will learn State Board Rules and regulations, safety techniques and sanitation for Nails Care as well as the application of nail tips, nail wraps, manicures and pedicures.

COSM 28A, Skin Care 2A **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 18.

This is the second course required for Cosmetology and/or Esthetics licensing. The students will demonstrate the application of both individual and strip eyelashes, and the proper method of hair removal, waxing, and makeup as required by the state of California.

COSM 28B, Skin Care 2B **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 18.

This course is required for Cosmetology, and/or Esthetics licensing. The student will learn to perform electrical and chemical facials and to demonstrate the use of electrical facial machines.

COSM 30, Related Science 3 **1 unit**

- Prerequisite: None.

This is the third related science class required for all entering students who wish to be licensed for Barbering, Cosmetology, and/or Esthetics for the state of California. This course provides essential theory carefully formulated to prepare a student to pass the written State Board examination. Students are instructed in basic concepts of electricity (galvanic/sinusoidal), sanitation and disinfectant techniques.

COSM 31A, Hair Cutting 3 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 21A.

This is the third class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the state of California. This course is a continuation of 21A. The student will learn more advanced salon techniques for the latest trends of hair cutting.

COSM 31B, Hair Styling 3 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 21B.

This is the third class required for all entering students who are preparing to be licensed for Barbering and/or Cosmetology by the State of California. This course provides an approach to different blow drying methods. Students will learn the fundamentals of blow drying long, medium, and short hair techniques, when used alone or in combination, can create many different hair designs.

COSM 31C, Hair Coloring 3 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 21C.

This is the third hair coloring classes required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the State of California. This course is a continuation of COSM 21C. The students will learn how to formulate color to achieve the desired results the first time, learn about bleaching products, color applications and procedures, and advanced hair color and foil techniques.

COSM 31E, Curly Hair Techniques 3 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 21E.

Formerly COSM 24.

This is the third curly hair styling class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the state of California. This course is a continuation of Cosmetology 21E. The student will learn wet and thermal styling which includes blow dry styling and pressing and curling the hair. This class is required to pass the California state Board of Barbering and/or Cosmetology exam.

COSM 36, Nail Care 3 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 26.

This is the third nail care class required for all entering students who wish to be licensed for Cosmetology and/or Nail Care by the State of California. The student will learn State Board Rules and regulations, safety techniques and sanitation for Nails Care as well as the application of acrylics, French manicures.

COSM 38, Skin Care 3 **0.5 units**

- Prerequisite: None.
- Advisory: Cosmetology 28.

This is the third skin care class required for all entering students who wish to be licensed for Cosmetology, and/or Esthetics by the State of California. This course is a continuation of 28B. The students will learn more advanced techniques for chemical and electrical facials with galvanic current, high frequency, and European massage techniques.

COSM 38B, Mechanical Exfoliation 0.5 units

- Prerequisite: None.
- Advisory: Cosmetology 38.

This is an advanced skin care class for students and licensed Estheticians. This class is a continuation of COSM 38. This course provides essential theory carefully formulated to prepare a student to pass the written Cosmetology and/or Esthetics State Board Examinations. The students will learn more advanced techniques for skin analysis, record keeping, advanced anatomy and physiology to determine the protocol for microdermabrasion treatments.

COSM 38C, Chemical Exfoliation 0.5 units

- Prerequisite: None.
- Advisory: Cosmetology 20, 38.

This is an advanced skin care class for students and licensed Estheticians. This class is a continuation of COSM 38B. This course provides essential theory carefully formulated to prepare a student to pass the written Cosmetology and/or Esthetics State Board Examinations. The class will focus on the chemistry of exfoliation products, the pH scale and skin analysis to determine which chemical exfoliate should be used.

COSM 40, Related Science 4 1 unit

- Prerequisite: None.

This is the fourth related science class required for all entering students who wish to be licensed for Barbering, Cosmetology, and/or Esthetics by the state of California. This course provides essential cosmetology related theory carefully formulated to prepare a student to pass the written State Board examination. Students are instructed in rules and regulations, basic concepts of health and safety, and chemistry.

COSM 41B, Hair Styling 4 0.5 units

- Prerequisite: None.
- Advisory: Cosmetology 31B.

This is the fourth class required for all entering students who wish to be licensed for Barbering and/or Cosmetology by the State of California. This course provides an advanced approach to hair styles, including up-do's with styling techniques for different lengths of hair.

COSM 42, Men's Hair Styling 0.5 units

- Prerequisite: COSM 11A.

This class is required for all students who wish to be licensed for Barbering and/or Cosmetology by the State of California. This class is designed to teach the many techniques of designing men's hair which will include wet and dry cuts, finger cutting scissors over comb, clipper over comb, beard trims, mustache and eyebrow shaping and blow drying.

COSM 46, Nail Care 4 0.5 units

- Prerequisite: None.
- Advisory: Cosmetology 36.

This is the fourth nail care class required for all entering students who wish to be licensed for Cosmetology and/or Nail Care by the State of California. The student will learn State Board Rules and regulations, safety techniques and sanitation for Nail Care as well as the application of gel nails, pedicures, Spa manicures/pedicures and 3-D art.

COSM 48, Skin Care 4 0.5 units

- Prerequisite: None.
- Advisory: Cosmetology 38.

This is the fourth skin care class required for all continuing students who wish to be licensed for Cosmetology and/or Esthetics by the state of California. This course will be a combination of theory and practical application. It will prepare the student to take the State Board examination required to obtain a license in Cosmetology and/or Esthetics.

COSM 48B, Advanced Make-Up 0.5 units

- Prerequisite: None.
- Advisory: Cosmetology 28A.

This class is required for all students who wish to be licensed for Cosmetology and/or Esthetics by the state of California. This is an intense class in make-up application. This course will include color theory, blending make-up, the use of concealers, highlighters and contours. The application of blush, powders, lip liners, and lipstick, eye make-up techniques, and the application of new trends will also be covered. Students will learn how to determine face shapes, the correct way to tweeze, wax eyebrows, and work with brow pencils. Students will learn evening glamour and high fashion make-up, hair removal, special bridal looks, coordination of wedding party make-up, and how to conduct a wedding party consultation. Make-up techniques for color and black and white film and work with studio lighting are included.

COSM 50A, Written Preparation for Cosmetology State Board Exam 2 units

- Prerequisite: COSM 10A and COSM 10B.
- Advisory: Completion of at least 650 hours in Cosmetology.

This course provides essential theory carefully formulated to prepare a student to pass the written Barbering and/or Cosmetology State Board Examination. Students are instructed in basic concepts of record keeping, facials, wet styling, scalp treatment, haircutting, perms, relaxing, hair color, thermal treatments, manicuring, and artificial nails. *COSM 50A is mandatory for Cosmetology students. Students must have completed 650 hours in Cosmetology.*

COSM 50B, Practical Preparation for State Board Exam 1.5 units

- Prerequisite: None.
- Advisory: Completion of at least 1000 hours in Cosmetology.

The State Board Practical-Prep class is a class that will prepare the student to take the California State Board practical exam required to obtain a cosmetology license. The procedures include: wet hairstyling, thermal pressing and curling with Marcel iron, haircutting, finger waving, roller placement, pin curls, manicure, pedicure, acrylic nails, nail repair, (silk and paper), facial (chemical facial, dermal light facial, plain facial) Hair removal, (tweezers and wax), soft perm (ammonium thioglycolate), hair straightening (sodium hydroxide), cold wave (permanent wave), hair coloring, bleaching, P.D. test (predisposition test), disinfection, sanitation and safety procedures.

COSM 50C, Written Preparation for State Board Exam 1 unit

- Prerequisite: None.
- Advisory: Completion of at least 1000 hours in Cosmetology.

This theory course is designed to successfully prepare the student to take the written portion of the California State Board exam required to obtain a Cosmetology license. State Board written testing includes: wet hairstyling, thermal pressing and curling with Marcel iron, haircutting, finger waving, roller placement, pin curls, manicure, pedicure, acrylic nails, nail repair, (silk and paper), facial (chemical facial, dermal light facial, plain facial, hair removal (tweezers and wax), soft perm (ammonium thioglycolate), hair straightening (sodium hydroxide), cold wave (permanent wave), P.D. test (predisposition test), disinfection, sanitation and safety procedures.

COSM 50E, Written Preparation for Esthetician State Board Exam 1 unit

- Prerequisite: None.
- Advisory: Completion of at least 400 hours of Esthetician coursework.

This theory course is designed to successfully prepare the student to take the written portion of the National-Interstate Council of State Boards of Cosmetology (NIC) exam required to obtain an esthetician license. Written testing includes: disinfection, sanitation, health and safety, rules and regulations, bacteriology, anatomy and physiology, manual facials, chemical facials, electrical facials, advanced techniques of skin care, eyebrow tweezing, waxing and makeup procedures.

COSM 50N, Written Preparation for Nail Care State Board Exam 1 unit

- Prerequisite: None.
- Advisory: Completion of at least 300 hours of Nail Care coursework.

This theory course is designed to successfully prepare the student to take the written portion of the National-Interstate Council of State Boards of Cosmetology (NIC) exam required to obtain a Manicuring license. Written testing includes: disinfection, sanitation, health and safety, rules and regulations, bacteriology, anatomy and physiology, manicuring, pedicuring, nail tips, acrylic and gel nails.

COSM 50R, Written Preparation for Barbering State Board Exam 1 unit

- Prerequisite: Possession of a cosmetology license or COSM 31A and COSM 50A and completion of 1,250 hours in barbering coursework.

This course is designed to prepare students for the National-Interstate Council of State Boards of Cosmetology (NIC) exam required to obtain a barbering license. The course covers all topics in the written exam, including: disinfection, sanitation, health and safety, rules and regulations, bacteriology, anatomy, and physiology, advanced shaving and facial hair design, men's hair cutting and styling, men's chemical services and men's facial massage and treatments.

COSM 64, Salon Management 2 units

- Prerequisite: None.

This course presents an opportunity for a student/licensee to learn clientele building, choosing the right salon, types of leases and rent agreements, business permits, how to

handle supplies, labor related laws, and key points for operating a salon, as well as how to write a resume. This course provides essential theory carefully formulated to prepare a student to pass the written Barbering, Cosmetology, Esthetics, and/or Nail Care State Board Examinations.

COSM 71, Cosmetology Instructional Techniques: Theory 1 unit

- Prerequisite: None.
- Advisory: Cosmetology 50B and instructor approval.

This course is designed to prepare the licensed cosmetologist for a teaching career in the public and private sectors of cosmetology. This course offers an overview of teaching methodologies, teaching to diverse learning styles, professional development and learning philosophies of aspiring educators.

It is recommended that the student have a Cosmetology license issued from the California State Board of Barbering and Cosmetology and one year experience working in a salon as a professional cosmetologist.

COSM 72, Applied Instructional Techniques 1 unit

- Prerequisite: None.
- Advisory: Cosmetology 50B and Instructor approval.

This course is designed to prepare the licensed cosmetologist for a teaching career in the public and private sectors of cosmetology. This course will address effective strategies for instructing students on the salon floor as well as in the classroom. Emphasis is also placed on salon safety and sanitation.

It is recommended that the student have a Cosmetology license issued from the California State Board of Barbering and Cosmetology and one year experience working in a salon as a professional cosmetologist.

COSM 73, Cosmetology Instructional Materials 1 unit

- Prerequisite: None.
- Advisory: Cosmetology 50B and Instructor approval.

This course is designed to prepare the licensed cosmetologist for a teaching career in the public and private sectors of cosmetology. Students will develop instructional materials including course outlines, syllabi, lesson plans, educational aids, and score sheets for practical examinations.

It is recommended that the student have a Cosmetology License issued from the California State Board of Barbering and Cosmetology and one year experience working in a salon as a professional cosmetologist.

COSM 74, Techniques for Assessment 1 unit

- Prerequisite: None.
- Advisory: Cosmetology 50B and instructor approval.

This course is designed to prepare the licensed cosmetologist for a teaching career in the public and private sectors of cosmetology. This course focuses on development of student learning outcomes and assessments as measures of effective instruction. There will also be an emphasis on refining instructional techniques to meet the needs of students with diverse learning styles.

It is recommended that the student have a Cosmetology License issued from the California State Board of Barbering and Cosmetology and one year experience working in a salon as a professional cosmetologist.

COSM 75A, Instructional Techniques in Salon 1 1 unit

- Prerequisite: None.
- Advisory: Cosmetology 50B.

This course is designed to prepare the licensed cosmetologist for a teaching career in the public and private sectors of cosmetology. This course emphasizes practical experience on the salon floor and supervising students under the direction of an instructor.

It is recommended that the student have a Cosmetology License issued from the California State Board of Barbering and Cosmetology and one year experience working in a salon as a professional cosmetologist.

COSM 75B, Instructional Techniques in Salon 2 2 units

- Prerequisite: None.
- Advisory: Cosmetology 50B.

This course is designed to prepare the licensed cosmetologist for a teaching career in the public and private sectors of cosmetology. This course emphasizes practical experience on the salon floor, supervising students under the direction of an instructor.

It is recommended that the student have a Cosmetology License issued from the California State Board of Barbering and Cosmetology and one year experience working in a salon as a professional cosmetologist.

COSM 75C, Instructional Techniques in Salon 3 3 units

- Prerequisite: None.
- Advisory: Cosmetology 50B.

This course is designed to prepare the licensed cosmetologist for a teaching career in the public and private sectors of cosmetology. This course emphasizes practical experience on the salon floor, supervising students under the direction of an instructor.

It is recommended that the student have a Cosmetology License issued from the California State Board of Barbering and Cosmetology and one year experience working in a salon as a professional cosmetologist.

COSM 75D, Instructional Techniques in Salon 4 4 units

- Prerequisite: None.
- Advisory: Cosmetology 50B.

This course is designed to prepare the licensed cosmetologist for a teaching career in the public and private sectors of cosmetology. This course emphasizes practical experience on the salon floor, supervising students under the direction of an instructor.

It is recommended that the student have a Cosmetology License issued from the California State Board of Barbering and Cosmetology and one year experience working in a salon as a professional cosmetologist.

COSM 77, Barbering 2 units

- Prerequisite: Possession of a cosmetology license or completion of 1,250 hours in barbering coursework and COSM 31A.

This course provides training required for the barbering license for the state of California. This course includes facial hair design, health and safety, and preparation and performance of shaving.

COSM 78, Barbering 2 1 unit

- Prerequisite: Possession of a cosmetology license or COSM 50A and completion of 1,250 hours in barbering coursework.

This course is required for the barbering license for the state of California. This course will prepare students for the practical portion of the comprehensive test with emphasis on shaving techniques.

COSM 88A, Independent Studies in Cosmetology 1 unit

Please see "Independent Studies" section.

COSM 90A, Internship in Cosmetology 1 unit

Please see "Internships" section.

COSM 95A, Salon Experience 1 unit

- Prerequisite: Completion of all beginning courses. Cosmetology students must have completed at least 300 classroom hours; Skin Care students must have completed 60 classroom hours; Nail Care students must have completed 40 classroom hours.

COSM 95 is a variable unit course offered in four modules -- A, B, C, or D. Students should sign up for the module that best fits their course schedules to maximize hours earned.

This course is a module of a variable unit, variable hour, open-entry/open-exit experience provides the opportunity to obtain practical salon training working on patrons. The practical work is as close to actual beauty salon experience as possible. Students will earn hours toward the required practical hours and operations to be eligible to take the California State Board of Barbering, Cosmetology, Esthetics, and/or Nail Care exam, under the supervision of faculty. The student has fulfilled the salon requirement upon completion of 650-700 hours and has successful demonstration of all required operations.

COSM 95B, Salon Experience 2 units

- Prerequisite: Completion of all beginning courses. Cosmetology students must have completed at least 300 classroom hours; Skin Care students must have completed 60 classroom hours; Nail Care students must have completed 40 classroom hours.

COSM 95 is a variable unit course offered in four modules -- A, B, C, or D. Students should sign up for the module that best fits their course schedules to maximize hours earned.

This variable unit, variable hour, open-entry/open-exit experience provides the opportunity to obtain practical salon training working on patrons. The practical work is as close to actual beauty salon experience as possible. Students will earn hours toward the required practical hours and operations to be eligible to take the California State Board of Barbering, Cosmetology, Esthetics, and/or Nail Care exam under the supervision of faculty. The student has fulfilled the salon requirement upon completion of 650-700 hours and has successfully demonstrated all required operations.

COSM 95C, Salon Experience 3 units

- Prerequisite: Completion of all beginning courses. Cosmetology students must have completed at least 300 classroom hours; Skin Care students must have completed 60 classroom hours; Nail Care students must have completed 40 classroom hours.

COSM 95 is a variable unit course offered in four modules -- A, B, C, or D. Students should sign up for the module that best fits their course schedules to maximize hours earned.

This variable unit, variable hour, open-entry/open-exit experience provides the opportunity to obtain practical salon training working on patrons. The practical work is as close to actual beauty salon experience as possible. Students will earn hours toward the required practical hours and operations to be eligible to take the California State Board of Barbering, Cosmetology, Esthetics, and/or Nail Care exam under the supervision of faculty. The student has fulfilled the salon requirement upon completion of 650-700 hours and has successfully demonstrated all required operations.

COSM 95D, Salon Experience 4 units

- Prerequisite: Completion of all beginning courses. Cosmetology students must have completed at least 300 classroom hours; Skin Care students must have completed 60 classroom hours; Nail Care students must have completed 40 classroom hours.

COSM 95 is a variable unit course offered in four modules -- A, B, C, or D. Students should sign up for the module that best fits their course schedules to maximize hours earned.

This variable unit, variable hour, open-entry/open-exit experience provides the opportunity to obtain practical salon training working on patrons. The practical work is as close to actual beauty salon experience as possible. Students will earn hours toward the required practical hours and operations to be eligible to take the California State Board of Barbering, Cosmetology, Esthetics, and/or Nail Care exam under the supervision of faculty. The student has fulfilled the salon requirement upon completion of 650-700 hours and has successfully demonstrated all required operations.

Counseling

Formerly listed as Human Development. The Counseling Department offers courses which assist students with student success strategies, learning and study skills, AA degree and transfer planning, career development and internships, conflict resolution skills and behavior management. Disabled Student Services offers several such courses and more which provide specialized information for disability-related concerns. Students may apply a maximum of 4 units of Counseling courses to the AA degree. The following courses are exempt from this unit limitation: Counseling 12, 20 and 30.

COUNS 1, Developing Learning Skills 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with counseling.

This course is designed to help students at all academic levels to improve their study skills in time management, goal-setting, lecture and textbook note-taking, textbook reading, exam preparation, and test-taking to increase their academic success. This course is offered on a pass/no pass basis only.

COUNS 11, Orientation to Higher Education 1 unit

Transfer: CSU

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with counseling.

This course introduces new students to the master plan of higher education in California, as well as institutions of higher education in other states. Students will be introduced to the requirements for certificates, the Associate in Arts (A.A.) degree and for transferring to a four-year institution. During the course, students will develop an educational plan in order to accomplish their future goals. Campus policies and resources, student success, career and academic planning are also included.

COUNS 11B, Practical Training and Transfer Seminar for F-1 Visa 1 unit

- Prerequisite: None.

Maximum credit of AA applicable Counseling courses may be limited; check with Counseling.

This course introduces F-1 visa students to Practical Training and transfer options. Course will include details of the requirements for Curricular and Optional Practical Training and the transfer process to four-year institutions for F-1 students. Career and job search strategies are also included.

COUNS 12, Exploring Careers and College Majors 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit allowed for Counseling 12 and 20 is 3 units*

This class is designed for students who are either undecided about their educational or career goals, validating their decisions, or seeking to transition into a new career. Students are guided through a process that focuses on their individual interests, skills, personality and values to aid in the selection of a major, determine a career direction and develop career goals. Students will relate their self-assessment information to possible college major and career choices. Decision-making models and goal setting techniques are examined and will be used to develop short and long term education and career plans.

COUNS 13, Personal and Social Awareness 1 unit

- Prerequisite: None.

The course presents the theoretical foundations and techniques of group processes. Through group interaction, the student gains greater self-awareness, sensitivity to others and more effective communication skills.

COUNS 15, Job Search Techniques 1 unit

Transfer: CSU

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

The objective of this course is to teach skills necessary for successful job searching by students. Skills identification, interviewing techniques, researching the job market, and resume writing are explored.

COUNS 16, Job Success Skills 1 unit

Transfer: CSU

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with counseling.

This entry-level employment course provides the skills that new employees need to retain their jobs. These skills include communicating skills; getting along with employers, supervisors, and customers; exhibiting positive attitudes and behaviors; adapting to the company culture; and surviving the initial months on the job.

COUNS 19, Orientation Seminar 0.5 units

Transfer: CSU

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This nine hour course for new students will provide a comprehensive introduction to the college environment by focusing on Santa Monica College's programs and services and on the development of essential college survival skills. The orientation provides an overview of college policies and an insight into faculty expectations. It also includes an introduction to the structure of higher education systems, degree and transfer requirements, math and English/ESL assessment and interpretation, study skills, and financial aid information. Students will also develop and file a Student Educational Plan in consultation with a counselor.

COUNS 20, Student Success Seminar 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit allowed for Counseling 12 and 20 is 3 units*

This course provides an exploration of intellectual, psychological, social and physical factors that impact lifelong learning, well-being and success. Topics include motivation and self-efficacy; critical thinking, academic integrity and active study strategies; health issues and lifestyle choices; relating to others as a global citizen; written and oral communication; time management; career exploration; and educational planning.

COUNS 47, Understanding Money for Lifelong Success 1 unit

Transfer: CSU

- Prerequisite: None.

This course provides students with the fundamental tools to make informed decisions that impact their short and intermediate-term finances. Topics covered include money management and the decision processes and behaviors underlying spending, saving, and borrowing.

Counseling 47 is the same course as Business 47. Students may earn credit for one but not both.

COUNS 88A, Independent Studies in Counseling 1 unit

Transfer: CSU

Please see "Independent Studies" section.

COUNS 90A, General Internship 1 unit

Transfer: CSU

Please see "Internships" section.

COUNS 90B, General Internship 2 units

Transfer: CSU

Please see "Internships" section.

COUNS 90C, General Internship 3 units

Transfer: CSU

Please see "Internships" section.

COUNS 90D, General Internship 4 units

Transfer: CSU

Please see "Internships" section.

Counseling: Noncredit

COUNS 901, Transition to College 0 units

Non-native English speakers are recommended to complete ESL 904 or higher prior to taking this course.

This course is designed to assist students in transitioning from noncredit to credit courses. Students will be introduced to higher education in the U.S., as well as study skills to improve time management, goal setting, written and oral communication, and strategies to increase their academic success. This course will focus on college readiness, educational planning and an overview of current college policies, special programs, student support services and community resources.

COUNS 902, Career and Workforce Readiness 0 units

Non-native English speakers are recommended to complete ESL 904 or higher prior to taking this course.

This course is designed to introduce students to the career exploration process and how to navigate the workforce and become gainfully employed. Students will engage in career exploration activities through formal assessments. Using online resources, students will learn to research career information, including job descriptions, work environments, employment opportunities, educational requirements, and potential earnings. This course will include interviewing techniques and resume writing.

COUNS 906, American Sign Language Level 1 (Beginner) 0 units

- Prerequisite: None.

This introductory course is designed for the student with little or no previous knowledge of American Sign Language (ASL). ASL is taught using an interactive approach, which includes classroom conversation, games and exercises. Students learn basic everyday communication skills, using signed words and finger spelling. Course content includes information about deaf culture and the deaf community.

Counseling: Disabled Student Services

The Center for Student with Disabilities is a program designed to ensure that students with disabilities have equal access to all programs and activities on campus. Our primary goal is to encourage and promote independence in students so they may achieve their full potential. We strive to provide the highest quality programs and services to our students with disabilities including a variety of classes to support their academic success.

COUNS 1H, Study Skills Lab 0.5 units

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course introduces specific learning and study strategies that assist students in meeting the academic demands of their college courses. Each class covers in depth only one area of study skills each 8 weeks. These classes are designed to target specific areas of weakness.

COUNS 2H, Study Skills Lab 0.5 units

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course introduces specific learning and study strategies that assist students in meeting the academic demands of their college courses. Each class covers in depth only one area of study skills each 8 weeks. These classes are designed to target specific areas of weakness.

COUNS 12H, Career Planning 1 unit

Transfer: CSU

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course is designed to inform and assist students in making appropriate and satisfying career choices. Using self-evaluation instruments, students identify interests, abilities, values, and goals. Skills necessary for future career investigation and decision-making are included.

COUNS 13H, Personal and Social Awareness 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course is designed for students who wish to gain greater self-awareness, become more sensitive to others, and improve their communication skills through group interaction.

COUNS 15H, Job Search Techniques 1 unit

- Prerequisite: None.
- Advisory: Counseling 12H.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

The objective of this course is to teach skills necessary for successful job hunting. Skills identification, interviewing techniques, researching the job market, and resume writing are explored. Emphasis is placed on understanding legal rights of a person with a disability under federal and state laws.

COUNS 21H, Adapted Computer Technology 1 unit

In the context of word processing, students receive instruction in the assistive technology needed to provide computer access for completion of written academic assignments. Students must be concurrently enrolled in an academic class at Santa Monica College. (Also, Credit/Noncredit, open entry, self-paced.)

COUNS 22H, Adapted Computer Technology, Internet Skills for Academic Success 1 unit

- Prerequisite: None.

In the context of the appropriate assistive technology and ergonomics, students learn Internet skills and resources

helpful for academic coursework. This class is designed for students eligible for the Disabled Students Program, and students must enroll through the Disabled Students/High Tech Center. Students must be concurrently enrolled in academic classes at SMC. Experience with basic word processing skills is strongly suggested.

COUNS 25H, Adapted Computer Technology, Technology Tools for Academic Success 1 unit

In the context of the appropriate assistive technology and ergonomics, students learn software programs relevant to their academic success. Programs address academic strategies and reference tools, (e.g., brainstorming, organizing information, planning, spelling and homonym checking, dictionaries and thesauri), text to speech technology, and the fundamentals of industry-standard applications used in mainstream courses (e.g., Excel, Access, Photo Shop). This class is designed for students eligible for the Disabled Students Program, and students must enroll through the Disabled Students/High Tech Center. Students must be concurrently enrolled in academic classes at SMC. Experience with basic word processing skills is strongly suggested.

COUNS 26, Technology Literacy for Academic Success 1 unit

- Prerequisite: None.

In the context of the appropriate assistive technology and ergonomics, students learn features of industry-standard applications (e.g., formatting a research paper in Word, creating a multimedia PowerPoint presentation) professors expect students to use for their course assignments. Students will use these technologies to create a short research paper and a PowerPoint presentation relevant to their academic coursework and/or learning strategies. This open-entry, self-paced course is designed for students eligible for the Disabled Students program, and students must enroll through the Disabled Students/High Tech Training Center. Students must be concurrently enrolled in academic classes at SMC.

COUNS 41H, Roadmap to College Readiness 1 unit

This course is designed for students with a disability who are transitioning into academic classes and are seeking guidance for tools that promote college readiness. Emphasis will be placed on skill acquisition for organization, goal setting, stress reduction and time management techniques. Students will gain perspective on their own learning styles, as well as how to create healthy habits and routines as they relate to both home and academic activities. Orientation to on and off campus support resources will be included.

COUNS 51, Test Taking/Memory Strategies 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course is designed to teach specific learning strategies in the areas of test taking and memory. Students will learn to be more successful in taking various types of academic tests by applying specific strategies for test-taking, retaining and recalling information, answering test questions, and learning from mistakes.

COUNS 52, Textbook/Memory Strategies 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course is designed to teach specific learning strategies in the areas of textbook reading and memory. Students will learn to improve comprehension of textbooks by reading actively, creating a variety of study tools from textbooks, and applying techniques for remembering what has been read.

COUNS 53, Phonics, Spelling and Vocabulary Development 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course helps students develop strategies to improve phonetic and rule-based spelling. This course also helps students develop vocabulary through understanding of word morphology. This course is designed for students with learning disabilities.

COUNS 54, Organizing for College Success 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

The primary emphasis of this class is on time management and task analysis. Students are taught how to break academic assignments down into individual steps and how to schedule these and other tasks on daily, weekly, and monthly calendars. Goal setting, career choice, prioritizing, procrastination, and evaluation of study time and environment are part of this planning process. Also covered are organization of materials and information as well as memory. This class is designed for more mature, motivated students with learning disabilities, particularly attention deficit disorders.

COUNS 55, Student Success Strategies 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course is designed to assist students with learning disabilities in developing specific learning and study strategies in order to meet the academic demands of their college level coursework.

COUNS 56, Written Language Strategies 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course incorporates the use of computers and software to implement and support the step-by-step stages of writing strategies. This course is designed for students with learning disabilities.

COUNS 57, Listening, Note Taking, and Memory 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course is designed to improve a student's ability to actively listen, take lecture notes, and to employ memory strategies. The class is specifically for students with learn-

ing disabilities. Assistive technology for note taking is also explored.

COUNS 58, Math Strategies 1 unit

- Prerequisite: None.

Maximum credit of AA applicable counseling courses may be limited; check with Counseling.

This course teaches students strategies to improve how they learn and perform in mathematics.

COUNS 59, Textbook Strategies Using Technology 1 unit

- Prerequisite: None.

Students learn to apply technology-based study strategies to enhance comprehension and retention of instructional materials. Students will apply the strategies with consideration for their learning styles and the types of materials they are reading. Comprehension strategies such as patterns of organization and skimming techniques are also covered. This course is designed for students with learning disabilities.

Counseling: Disabled Student Services - Noncredit

COUNS 910, ABI Connections 0 units

- Prerequisite: None.

This course is taught in both the classroom and community settings for adults with acquired brain injuries. The course instructs students in retraining and increasing cognitive skills. Caregivers are encouraged to participate and will be included in any desired instruction.

COUNS 912, Basic Living Skills 0 units

- Prerequisite: None.

This course is designed for developmentally disabled/slow learners. The curriculum includes development of basic skills in the areas of meal planning and preparation, shopping, money management, social behavior, leisure and pre-vocational skills.

COUNS 921, Learning Skills 0 units

This class provides individualized instruction to students who require specialized training in any of the following areas: 1) the use of adapted equipment or technology, 2) the acquisition of skills necessary to adapt to the college environment, or 3) the identification of learning strengths and weaknesses as well as accommodations in order to develop a comprehensive educational plan.

COUNS 912W, Developing Occupational Skills 0 units

- Prerequisite: None.

The Developing Occupational Skills Class is designed for developmentally disabled/slow learners. The program curriculum includes development of basic skills in the areas of meal planning and preparation, shopping, money management, sex education, social behavior, leisure, and pre-vocational skills.

Dance: Appreciation and History

See also "Dance: Technique and Performance."

DANCE 2, Dance in American Culture 3 units

Transfer: UC, CSU

IGETC AREA 3A (Arts)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a comparative and integrative study of world dance styles of the United States. Included is the study of Native American, European American, African American, Chicano/Latin American, and Asian American dance styles from their historical origins to the present. The study of dance traditions from both the technical and cultural perspective is presented in relation to social, theatrical and artistic dance. Observation and descriptive skills are learned through films, live performances and lectures.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 5, Dance History 3 units

Transfer: UC, CSU

IGETC AREA 3A (Arts)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a historical survey course which covers dance as a religious expression, social form and a performing art. Theatrical, social, and sacred ritual is investigated in different historic periods and places, predominately within Western civilization. Time periods covered include Ancient Egypt, Classical Greek, Dark Ages, Middle Ages, Renaissance, Baroque, Rococo, Romantic, Neo-Classic, and 20th Century. Styles and schools of thought include ballet, modern dance, jazz and tap, and world dance forms. Attendance of dance productions for which students must purchase tickets is required.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 6, 20th and 21st Century Dance History 3 units

Transfer: UC, CSU

IGETC AREA 3A (Arts)

This course provides a focused study of prominent figures and events that have shaped the development of dance in the 20th and 21st century. The emphasis will be on dance as a performing art in the United States and Western Europe, acknowledging the broader cultural influences that have shaped the major movements of modern, postmodern, and contemporary dance. Considering historical, cultural, and theoretical context, this course is designed to foster critical thinking, and research skills.

Dance majors are recommended to complete Dance 5 prior to enrolling in Dance 6. Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 7, Music for Dance 3 units

Transfer: UC, CSU

- Prerequisite: None.

This course focuses on the relationship between music and dance. Students investigate and learn music fundamentals, music and dance styles, improvisational and compositional skills for today's artistic world. Attendance at dance productions for which students must purchase tickets is required. *Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.*

DANCE 77, Navigating Careers in Dance 3 units

Transfer: CSU

This course provides students with a comprehensive understanding of dance-related industries and necessary tools for success in dance-related fields. Students will examine past, current and projected industry trends and will be exposed to numerous dance-related career paths through lectures, discussion, research, case studies, and industry guest speakers. Students will learn how to create artist materials such as resumes, bios, cover letters, video reels, and online profiles, as well as learn audition and interview techniques for various dance career contexts. Students will be familiarized with contracts, wages, agencies, and freelance strategies while learning how to locate internships and job opportunities that align with skill sets and goals.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

Dance: Technique and Performance

See also "Dance: Appreciation and History."

DANCE 9, Dance Productions 3 units

Transfer: UC, CSU

- Prerequisite: None.

This lecture survey course addresses the many different requirements of putting on a production, providing the theoretical foundation that supports the production process, and building an information base of the specialized language and terminology, schedules and procedures necessary to produce a show. Students learn how to organize and prepare the different aspects of production, how to implement ideas, and how to communicate with specialists in the field.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 10, Fundamentals of Dance Technique 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course places emphasis on the fundamental training necessary for success in a variety of dance and movement styles for dance students of all levels. Movement principles from sources including anatomy, biomechanics and rehabilitation will be utilized to improve body alignment, core stabilization, breath support and other aspects of technique in key dance movement patterns. Students will demonstrate proper body alignment, learn human anatomy as it pertains to the moving body, analyze different principles of move-

ment emphasizing time, space and effort as well as enhance the mind-body connection through somatic principles.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 11, Beginning Hip Hop Dance **2 units**

Transfer: UC, CSU

This introductory course will explore fundamental techniques of hip hop dance. Attention is placed on basic syncopation, isolations and rhythms with an emphasis on musicality, strength, flexibility and coordination. Improvisation or “freestyling” is introduced to develop the individual expression and style indigenous to the form. Critical analysis of hip hop choreography and an appreciation of hip hop dance including its cultural significance, history and origins as an art form are emphasized. Written assignments and attendance at Dance Department concerts are required.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 12, Intermediate Hip Hop Dance **2 units**

Transfer: UC, CSU

- Advisory: Dance 11.

This course builds on the fundamental techniques of hip hop dance at an intermediate level. Attention is placed on syncopation, isolations and rhythms with an emphasis on musicality, strength, flexibility and coordination. Improvisation or “freestyling” is emphasized to further develop the individual expression and style indigenous to the form. Critical analysis of hip hop choreography and hip hop street dance, along with its cultural significance, history and origins as an art form are also emphasized. Written assignments and attendance at Dance Department concerts are required.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 14, Beginning Jazz **2 units**

Transfer: UC, CSU

- Prerequisite: None.

This introductory course will explore the fundamental techniques, styles, kinesiological awareness, and history of jazz dance in America. Attention is placed on basic jazz dance steps and vocabulary, with emphasis on musicality, strength and flexibility, expression, coordination, and an appreciation of jazz dance as an art form. The technique studied investigates the use of rhythm, dynamics, space, and energy while disciplining the body and developing motor skills as a tool for creative self expression. The course introduces choreography retention and improvisation techniques for various jazz dance styles at a beginning level, as well as historical studies on topics surrounding American jazz dance pioneers, codified styles, cultural influences, and current trends.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 15, Intermediate Jazz **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 14 or Equivalent Experience.

This course is a continuation of Dance 14, building on the intermediate jazz dance techniques, styles, movement vocabulary, kinesiological awareness, and historical knowledge of jazz dance in America. The course introduces new skills and movement variations from various jazz styles. Combinations further explore dance expression in jazz with complex dance sequences, varied musicality, and improvisation. The technique studied investigates the use of rhythm, dynamics, space, and energy while disciplining the body and developing motor skills as a tool for creative self expression at an intermediate level. Historical studies on topics surrounding American jazz dance pioneers, codified styles, cultural influences, and current trends will be included.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 16, Advanced Jazz **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 15 or Equivalent Experience.

This course is a continuation of Dance 15, building on the advanced jazz dance techniques, styles, movement vocabulary, kinesiological awareness, and historical knowledge of jazz dance in America. The course focuses on advanced skills and movement variations from various jazz styles. Longer combinations further explore dance expression in jazz with complex dance sequences, intricate musicality, improvisation, and performance quality. The technique studied investigates the use of rhythm, dynamics, space, and energy while disciplining the body and developing motor skills as a tool for creative self expression at an advanced level. Historical studies on topics surrounding American jazz dance pioneers, codified styles, cultural influences, and current trends are included.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 17, Beginning Tap **2 units**

Transfer: UC, CSU

- Prerequisite: None.

This course introduces a beginning level of tap dance technique and styles (including rhythm tap and Broadway tap), information about the cultural and historical origins of tap, and current trends and applications of tap in concert dance and musical theater. Emphasis will be on fundamental skills and rhythms, time steps, flash footwork, short combinations, and styling. Basic music theory, including notes, bars, phrases, time signatures and song structure, is also covered as it directly relates to tap dance. Historical studies on topics surrounding tap dance pioneers, codified styles, cultural influences, and current trends are included.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 18, Intermediate Tap 2 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 17 or Equivalent Experience.

This course builds on DANCE 17 and focuses on intermediate-level tap dance technique, styles (including rhythm tap and Broadway tap), the cultural and historical origins of tap, and current trends and applications of tap in concert dance and musical theater. Students will focus on more complex steps, intricate, syncopated rhythms, tonal clarity, and speed. Different musical styles will be introduced relating rhythms, time signatures, and musical structures to tap styles. Emphasis will be on refining technical skills and executing more complex choreography while exploring elements of improvisation. Historical studies on topics surrounding tap dance pioneers, codified styles, cultural influences, and current trends are included.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 19A, Beginning Ballroom Dance (American Style) 2 units

Transfer: UC, CSU

This course gives students the opportunity to learn various social dance forms based on the DVIDA (Dance Vision International Dance Association) American Style bronze syllabus at a beginning level. It is designed for students with no dance experience as well as experienced dance students who want to be introduced to social dance forms new to them. Examples of ballroom dance forms that may be included are: Fox Trot, Waltz, Tango, Swing, Rumba, and Samba. The course will focus on exploring the differences and similarities among styles while also developing coordination skills, dance technique, understanding the musical structure and terminology for each dance along with elements of body placement, style and partnering techniques and characteristics of each dance. Critical analysis of ballroom dance choreography, along with its cultural significance, history and origins as an art form, are also emphasized.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 20, World Dance Survey 2 units

Transfer: UC, CSU

- Prerequisite: None.

Both dance majors and non-majors learn specific world dance styles within a given semester; the study of the music, art, and costume of the particular style is also included. The dance techniques learned will serve as preparation for the World Dance Performance Course (Dance 57A).

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 21A, Beginning Asian Pacific Dance 2 units

Transfer: UC, CSU

- Prerequisite: None.

Formerly Dance 21.

This course introduces students to the theatrical, social, and religious traditions of Asian/Pacific Dance in its cultural context. The movement techniques of Sundanese, Javanese,

Hawaiian, and Tahitian dance will be studied as well as the relationship of the dances to music, myth, and character. *Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.*

DANCE 21B, Intermediate Asian Pacific Dance 2 units

Transfer: UC, CSU

- Advisory: Dance 21A.

This course offers an intermediate level of Asian/Pacific dance technique with an emphasis on developing aesthetic concepts and principles of movement vocabulary of Bali, Sumatra, Samoa, and Maori dances. Students will learn techniques of traditional Asian Pacific story-telling through dance with emphasis on use of the hands, body language, and facial expression. Instruction will also include study of history, lifestyle, family system/values, as well as the European and Western influences on both traditional and contemporary Asian Pacific dance, religion, cultural arts, and politics.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 22, Mexican Dance 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course is a Mexican dance class which introduces techniques and styles of traditional Mexican dances. Movements are taught as students learn authentic regional dances and study indigenous and outside influences, historical impact, costumes and music. The dance techniques learned will serve as preparation for Global Motion World Dance Company performance classes (Dance 57A and Dance 57B). *Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.*

DANCE 23, Intermediate Mexican Dance 2 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 22 or equivalent Experience.

This course is an intermediate level course in the content and technique of traditional Mexican dance. Lecture topics include: the history of additional states of Mexico not included in beginning Mexican dance, the culture of those people past and present, European and African influences, impact on the indigenous people, the influence of religion, music, art, and popular styles. Dance technique topics include: placement, intermediate level footwork, rhythm patterns, intermediate level dances and choreography. The dance techniques learned will serve as preparation for the Global Motion World Dance Company performance courses (Dance 57A and Dance 57B).

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 24, Flamenco Dance 1 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course introduces students to the movement and music of Flamenco Dance and its cultural, historic, and geographic origins. Dance techniques are studied in relation-

ship to Cantos or Flamenco song, and compared to Spanish classical and folk dance.

Dance 24 serves as preparation for Dance 57A, the Global Motion performance class. Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 24B, Intermediate Flamenco Dance 2 units

Transfer: UC, CSU

- Advisory: DANCE 24.

This course offers an intermediate level of Flamenco dance with emphasis on aesthetic concepts and principles of traditional and contemporary Flamenco dance movement along with an understanding of Flamenco rhythms, accents, and nuances. Course content will include in-depth study of Gypsy dance movement and culture, “cante” (singing), the Andalusian aesthetic, Bulerias, Tangos, Sevillanas, and several other “Palos” (Flamenco genres defined by their melody, rhythm, and point of origin). Correct body alignment and placement will be stressed with the goal of mastering intermediate level steps, footwork, and rhythmic patterns. Students will critically analyze this global dance form in relation to current and historical contexts.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 25, African Dance 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course is an introduction to the study of African dance with an emphasis on West African traditional and contemporary dances. Emphasis is on techniques of Ghana, Nigeria, Senegal, and Dunham Technique.

Dance 25 serves as preparation for Dance 57A, the Global Motion performance class. Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 25B, Intermediate African Dance 2 units

Transfer: UC, CSU

- Advisory: Dance 25.

This course is an intermediate level of West African dance with an emphasis on techniques of Guinea, Senegal, Mali and Ivory Coast. The class will introduce both traditional and contemporary styles of West African dance and offer lectures in historical/cultural practices at an intermediate level.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 26A, Beginning Salsa Dance 2 units

Transfer: UC, CSU

This course introduces students to the movement and music of Salsa Dance and its cultural, historic, and geographic origins. The basic dance technique, musical structure, and terminology is studied along with elements of body placement, style, and characteristics of the form including turning techniques and partnering. Additionally, bachata and cha-cha-cha dance forms will also be studied in this course. *Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.*

DANCE 26B, Intermediate Salsa Dance 2 units

Transfer: UC, CSU

- Advisory: DANCE 26A.

This Intermediate Salsa Dance course immerses students in the movement and music of Latin American social dance and its cultural, historic, and geographic origins. Intermediate levels of dance techniques, musical structure, and terminology are studied along with elements of body placement, style, and characteristics of the form including turning techniques, solo work and partnering. Additionally, intermediate levels of Bachata and Cha-cha-cha dance forms will also be studied in this course.

DANCE 27, Brazilian Dance 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course surveys Brazilian dance with an emphasis on Afro-Brazilian technique and styles. Course content will include dances of the Candomble Orixas, folkloric forms such as Maculele and Maracatu, Samba, and contemporary Brazilian choreographies. Instruction will also include lectures on the vital relationship between dance, drumming, song, costume, and legends of these living traditions. The impact of these dance forms on Brazilian society will also be presented in both lecture and movement technique.

Dance 27 serves as preparation for Dance 57A, the Global Motion performance class. Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 27B, Intermediate Brazilian Dance 2 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 27 or equivalent Experience.

This course offers an intermediate level of Brazilian dance with an emphasis on further developing aesthetic concepts and principles of traditional and contemporary Afro-Brazilian dance movement. Course content will include in-depth study of orixa dance movement, introduction to the Silvestre Technique, folkloric dances from the Northeastern region of Brazil, contemporary Afro-Bahian dances and further development of these living dance genres in performance. Correct body alignment and placement will be stressed with the goal of mastering new steps, more advanced footwork, rhythmic patterns and critical analysis of this global dance form.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 29, Middle Eastern/North African Dance 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course introduces students to the movement, music, and costumes of Middle Eastern/North African Dance. In this course students will examine historic culture and modern developments in this dance genre. Students will study the origins of Middle Eastern/North African dance techniques, rhythms, and terminology.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 31, Ballet I **2 units**

Transfer: UC, CSU

- Prerequisite: None.

This course is designed to introduce the concepts and principles of classical ballet technique to the beginning student with emphasis on body alignment/placement. Correct body alignment and stance will be stressed throughout the semester. Class will be taught in the classically accepted manner of learning ballet technique with movement phrases demonstrated by the instructor then practiced by the student to musical accompaniment. Movement vocabulary designed to improve and enhance each dancer's strength, coordination and flexibility will be included in each class.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 32, Ballet 2 **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 31 or equivalent experience.

This course offers a beginning/intermediate level of classical ballet technique with an emphasis on further developing aesthetic concepts and principles of classical ballet technique learned in Dance 31. Correct body alignment and stance will continue to be stressed throughout the semester and technique combinations will be added with the goal of mastering new steps and terminology introduced in barre and centre sequences. Class will be taught in the classically accepted manner of learning ballet technique with exercises demonstrated by the instructor then practiced by the student to musical accompaniment. Movement phrases to improve and enhance strength, flexibility and endurance will be included in each class.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 33A, Intermediate Ballet 3A **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 32 or equivalent experience.

Formerly Dance 33.

This course is designed to introduce the concepts and principles of classical ballet technique at the intermediate level. Dance 33A is taught in the classically accepted manner of learning ballet technique. Exercises at the barre and centre will incorporate combinations of movements practiced to various musical rhythms and dynamics. This course facilitates students learning of other dance styles, and prepares the dancer for stage performance experience. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 33B, Intermediate Ballet 3B **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 33A or equivalent experience.

Formerly Dance 34.

This course is designed for students to continue to master concepts and principles of intermediate ballet technique with an emphasis on the development of improving technical ability. Exercises at the barre and the centre will con-

tinue to incorporate combinations of movements practiced to various musical rhythms and dynamics. This course will introduce concepts of dance kinesiology and injury prevention as well as prepare the dancer for stage performance experience. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 34A, Advanced Ballet 4A **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 33B or equivalent experience.

Formerly Dance 35.

This course is designed for the students with a sound understanding and mastery of ballet technique at an intermediate/advanced level of ability. Extensive ballet terminology, complex combinations of movements, diverse musical rhythms and dynamics will be introduced throughout the semester. This course will emphasize strengthening the student's technical ability and preparing the student for study at the advanced level of ballet technique. Study of kinesiology and injury prevention will be included as well as preparation for stage performance experience. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 34B, Advanced Ballet 4B **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 34A or equivalent experience.

Formerly Dance 36.

This course is designed for the student at the advanced level of ballet technique. Emphasis is placed on maintaining the advanced level of technique the dancer has achieved. Extensive ballet terminology, intricate movement combinations, diverse musical rhythms and dynamics will be centered both at barre and centre. This course will prepare students for auditions and stage performance experience in professional fields, as well as guide the student to devise the movement combinations for the class in anticipation of future teaching responsibilities. Study of kinesiology and injury prevention will continue to be included. Students majoring in dance should prepare audition for transfer. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 37, Beginning Pointe **2 units**

Transfer: UC, CSU

- Prerequisite: Instructor approval required.
- Advisory: DANCE 34B or equivalent experience.

This course introduces the advanced ballet student to the basics of beginning pointe work. Topics covered include placement and strength-building exercises, selection of proper footwear, and barre and center work in soft shoes and en pointe.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 38, Intermediate Pointe**2 units**

Transfer: UC, CSU

- Prerequisite: Instructor approval required.
- Advisory: Dance 37 or equivalent experience.

This course introduces advanced ballet students to the intermediate level of pointe work. Students work on placement, body alignment and barre and center work en pointe at the intermediate level. Students will learn selected classical variations necessary for transfer and professional auditions. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 41, Contemporary Modern Dance I**2 units**

Transfer: UC, CSU

- Prerequisite: None.

This course is a beginning level modern dance technique class with an emphasis on body alignment/placement, an introduction to kinesiological awareness, movement in space, modern dance terminology and introduction to historical forms of modern dance in the United States. This course focuses on foundational technique, creative experiences, conditioning and stretching exercises to improve and enhance each dancer's strength, limberness and flexibility. Historical studies on topics surrounding modern dance pioneers, codified styles, cultural influences, and current trends are included.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 42, Contemporary Modern Dance 2**2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 41 or equivalent experience.

This course offers a beginning/intermediate level of modern dance technique with an emphasis on further developing aesthetic concepts and principles of movement learned in Dance 41. Correct body alignment and stance will continue to be stressed throughout the semester and technique combinations will be added with the goal of mastering new steps and terminology. More complete use of body parts, complex movement phrasing and vocabularies, and new technical skills will be introduced in class.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 43A, Intermediate Contemporary Modern Dance 3A**2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 42 or equivalent experience.

Formerly Dance 43.

This course is an intermediate level of contemporary modern dance technique with an emphasis on developing technical and compositional skills. Dance 43 will embrace increased range of motion, more complex phrases with various musicality, and more in depth analysis of movement and choreography. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 43B, Intermediate Contemporary Modern Dance 3B**2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 43A or equivalent experience.

Formerly Dance 44.

This course is designed for students to continue to master concepts and principles of intermediate modern dance technique with an emphasis on the development of improving technical ability. Dance 43B introduces compositional skills, diverse movement phrases with different styles, changes of levels, and increased "air" skills with multiple turns. This class is designed to prepare students for stage performance experience. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 44A, Advanced Contemporary Modern Dance 4A**2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 43B or equivalent experience.

Formerly Dance 45.

This course is an intermediate-advanced modern dance technique, continuation of Dance 43B. The ability to transfer, invert and do phrases in retrograde, as well as use dynamic physicality (high energy changes in levels and dynamics) is explored. Repertory excerpts are also included in this course. This class is designed to prepare students for stage performance experience. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 44B, Advanced Contemporary Modern Dance 4B**2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 44A or equivalent experience.

Formerly Dance 46.

This course is designed for students at an advanced level of contemporary modern dance technique. Emphasis is placed on maintaining the advanced level of technique the dancer has achieved. The ability to transfer, invert and do phrases in retrograde, as well as use dynamic physicality (high energy changes in levels and dynamics) is explored. Original and traditional repertory excerpts are also included in this course. This class is designed to prepare students for stage performance experience. Students majoring in dance should prepare audition for transfer. This class is intended for dance majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 55A, Dance Performance – Modern**4 units**

Transfer: UC, CSU

- Prerequisite: Audition required.

Corequisite: Dance 10 or any Ballet, World, or Modern Dance Course (Dance 11-29, 31-38, 41-44B).

This course offers performance experience and is organized as a contemporary modern dance company with fully produced concerts and dance productions. Students participate

as dancers and choreographers. Students explore artistic expression through learning movement composition and repertory from professional faculty, guest choreographers and student choreographers. Styles may include traditional modern, contemporary, postmodern fusion, contemporary ballet, contemporary jazz, hip-hop, performance art and mixed media. Students develop new vocabulary and creativity from related dance-theatre forms for personal artistic expression. Students will participate in community outreach by performing in local schools, campus wide activities, as well as American College Dance Association and other conferences. Students will also learn how to transfer a dance work from the rehearsal studio to a professional stage, using the elements of staging, lighting, scenery/props, and make-up for various styles of dance productions. The process of touring with a production, site selection and fundamentals of arts management will be introduced. This performance class is intended for dance majors. This performance class is intended for dance majors. Recommended dance experience in Dance 10 or any Ballet, World, or Modern Dance Course (Dance 11-29, 31, 32, 33A, 33B, 34A, 34B, 41, 42, 43A, 43B, 44A, 44B, 60-63).

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 55B, Dance Repertory – Modern **1 unit**

Transfer: UC*, CSU

- Prerequisite: Audition required.
- Advisory: Any Ballet or Modern Dance Course (Dance 31-36, 41-46).

**Maximum UC credit for Dance 55B and Dance 59A is 4 units.*

This course offers students the opportunity to perform modern dance in repertory. Dance majors perform works in new and varied settings to a variety of audiences including the Jazz Music Series, Studio Stage Concerts, and community performances.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 55C, Modern Dance Staging Techniques **1 unit**

Transfer: CSU

- Prerequisite: None.

This course provides on-site exploration and application of stage production skills (staging, lighting, make-up) for modern dance repertory performance. Students will also learn about the process of touring a production.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 57A, World Dance Performance **4 units**

Transfer: UC, CSU

Satisfies Global Citizenship

Corequisite: Dance 10 or any Ballet, World, or Modern Dance Course (Dance 11-29, 31-38, 41-44B).

- Prerequisite: Audition required.

This course offers performance experience in a world dance company. World dance forms are learned, refined, and presented in order to experience cultural identity, preservation, and global citizenship. Students audition as dancers and choreographers. Students rehearse and perform styles

of world dances which may include African, Mexican, Asian, European, American, Jazz, Tap, Middle Eastern, and Latin. Students work with faculty choreographers, as well as professional guest choreographers. Students will participate in community outreach by performing in local schools, campus wide activities, as well as American College Dance Association and other conferences. Students will also learn how to transfer a dance work from the rehearsal studios to a professional stage, using the elements of staging, lighting, scenery/props, and make-up for various styles of dance productions. This performance class is intended for dance majors. Recommended dance experience in Dance 11-29, 31, 32, 33A, 33B, 34A, 34B, 41, 42, 43A, 43B, 44A, 44B, 60-63.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 57B, Repertory World Dance **1 unit**

Transfer: UC, CSU

- Prerequisite: Audition required.
- Advisory: Any Ballet, World, or Modern Dance Course (Dance 21-36, 41-46).

This course offers students the opportunity to perform different world dance styles in repertory in a community outreach program. Dance majors perform works in new and varied settings to a variety of audiences and encourage and inform high school students who are potential college dance majors. Recommended dance experience in Dance 15, 16, 21-25, 27, 29, 33-36, 43-46.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 57C, World Dance Staging Techniques **1 unit**

Transfer: CSU

- Prerequisite: None.

Students will learn stage production (staging, lighting, scenery, make-up) for world dance performance. Students will also learn about the process of touring with a production.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 59A, Dance Performance – Ballet **3 units**

Transfer: UC*, CSU

- Prerequisite: Audition required.
- Advisory: Any Ballet Course (Dance 31-38).

**Maximum UC credit for Dance 55B and 59A is 4 units.*

This course offers performance experience as a ballet dance company. Students audition, rehearse, and perform ballet. Students work with professional choreographers.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 60, Fundamentals of Choreography: Dance Improvisation **2 units**

Transfer: UC, CSU

- Prerequisite: None.

This experiential movement course provides tools for developing personal artistic expression through movement, in support of composition and performance. Students will develop tools and techniques for creative movement generation through guided improvisational prompts and scores.

This course encourages students to explore a range of movement possibilities, and to think broadly about individual expression. Appropriate for all levels, dance majors and non-majors.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

**DANCE 61, Fundamentals of Choreography:
Composition 1** **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 60 or equivalent experience.

This course introduces students to the fundamentals of dance choreography and the principles of compositional craft. Students will explore tools for movement invention, motif and phrase development, spatial design, and architecture of bodies in space through creative process. Course content centers on the creation of dance choreography as a form of human expression through application of formal design elements, and development of a unique creative voice. Solo and Group forms are explored. Methods of learning include guided movement studies, solo and group presentations, viewing of live and recorded concert dance, peer feedback, and discussion. *See counselor regarding transfer credit limitations.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

**DANCE 62, Fundamentals of Choreography:
Composition 2** **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Dance 61 or equivalent experience.

This course focuses on intermediate compositional craft with an emphasis on developing choreographic skills for duet and small groups. Students study design concepts, and analyze elements of choreographic form, styles and trends. *Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.*

**DANCE 63, Fundamentals of Choreography:
Special Topics** **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: DANCE 60 or equivalent experience.

This course focuses on the interplay of choreographic principles, design, technology, and movement elements to create dance compositions in various genres. Students will learn choreographic techniques and perspectives for a specific context such as commercial dance, street dance, world dance, musical theater, and dance for camera, to expand compositional proficiency and in preparation for submission to student performance courses (Dance 55A and Dance 57A) and professional opportunities.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 70, Dance Staging Technique **1 unit**

Transfer: CSU

- Prerequisite: None.

This course is designed to develop stage production skills for dance performances. Students will learn how to transfer a dance work from the rehearsal studios to a professional stage, using the elements of staging, lighting, scenery/props, and make-up for various styles of dance productions. Students will also learn about the process of touring with a production, site selection and fundamentals of arts management.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

**DANCE 75, Dance for Children: Creative Dance
in the Pre-K and Elementary Classroom** **3 units**

Transfer: CSU

- Prerequisite: None.

This course, the study of developmentally appropriate creative movement experiences for children, gives students methods to guide creativity in the pre-K and elementary classroom and to develop dance lessons tied to specific subject areas. Students gain knowledge of the movement aspect of child development and how to use creative dance to research and teach subject matter across the pre-K and elementary curriculum. It covers the role of movement in developing children's physical, motor, emotional, and cognitive skills, and includes workshops and field experience in planning and implementing appropriate creative experiences with young children.

Dance 75 and ECE 75 are the same course. Students may receive credit for one but not both. Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 79, Dance Study Tour **1 unit**

Transfer: CSU

Corequisite: Dance 2.

- Prerequisite: Instructor Approval Required.

This course provides a study travel/tour of dance schools, dance resources, and dance performances in a selected city. Students will be introduced to one of the dance capitals of the world, attending master classes, panel discussions, company rehearsals, performances, and network with current professionals. Additionally, students will also have the opportunity to attend university transfer sites and related arts events.

Attendance of dance productions for which students must purchase tickets, see smc.edu/dance, is required along with written assignments.

DANCE 88A, Independent Studies in Dance **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

DANCE 88B, Independent Studies in Dance **2 units**

Please see "Independent Studies" section.

DANCE 90A, Dance Internship **1 unit**

Transfer: CSU

Please see "Internships" section.

DANCE 90B, Internship in Dance**2 units**

Transfer: CSU

Please see "Internships" section.

Digital Media Post-Production

The Digital Media Post-Production program prepares students for careers in the entertainment industry through comprehensive, hands-on training. The program is designed to meet the industry's need for creative professionals who excel in developing ideas and have the technical proficiency to execute them. Our instructors are experienced professionals who bring first-hand knowledge of industry practices to the classroom and work in close collaboration with industry advisors to keep up with trends and changing requirements. In addition, participating companies often provide guest speakers and student internships. We offer day, evening and weekend classes to provide educational opportunities to all students. In addition, select courses are offered online through Distance Education. Students who are interested in the Digital Media Post-Production program are strongly encouraged to schedule an appointment with one of the counselors at the Center for Media and Design campus to develop an Educational Plan. This is to ensure that you are taking the necessary courses to meet your educational goals. To learn more, please visit smc.edu/designtech.

Students interested in independent studies or internships for the Digital Media Post-Production program may enroll in the Entertainment Technology (ET) 88 or 90 series of courses. Please speak with the Design Technology Department Chair or an Academic Counselor at the CMD for more information.

DMPOST 1, Digital Media Workflow Management**3 units**

Transfer: CSU

Formerly Entertainment Technology 3.

Effective project management plays a key role in the execution and completion of digital media projects. In this introductory course, students will learn step-by-step how a project develops and evolves through the project management process. The entire digital media workflow from scripting, budgeting, shooting, post-production, finishing, distribution and marketing will also be covered. Students will get an overview of how the courses at the CMD interrelate and fit within this total workflow. Guest speakers will provide current industry trends on how projects are produced, finished and distributed.

DMPOST 2, Digital Audio Fundamentals**3 units**

Transfer: CSU

Formerly Entertainment Technology 40.

This course will introduce students to the fundamentals of digital audio design and provide them with the basic tools to use the technology appropriately, creatively, and effectively. A large element of "hands-on" practical experience will be balanced by an emphasis on understanding the fundamental theoretical principles of the technology and its applications within the entertainment industry. Topics covered will include the basic characteristics and differences between analog and digital audio; principles of good

audio design; the essential hardware and software tools of music production in a digital environment; characteristics and differences between the main digital audio formats; basic principles of sound waveform editing; and recording techniques for multimedia and video integration.

*This course uses Avid Pro Tools.***DMPOST 3, Digital Video Fundamentals****3 units**

Transfer: CSU

Formerly Entertainment Technology 31A.

This introductory course familiarizes students with the fundamental aspects of digital video production. Covering acquisition formats, authoring formats and delivery formats. The class provides a strong foundation for working with visuals and sound in non-linear digital video post-production. Topics will include digital vs. analog, time code, frame rates, frame size, aspect ratios, broadcast and streaming codecs and distribution formats.

*This course uses Adobe Premiere Pro.***DMPOST 4, Digital Image Fundamentals****3 units**

Transfer: CSU

Formerly Entertainment Technology 38.

This course covers the skills and concepts needed to create and manipulate images specifically for use in digital media projects. Students will learn the core concepts of working with image formats, brushes, selection tools, channels and layers as well as digital painting and color correction techniques.

*This course uses the Adobe Creative Cloud.***DMPOST 20, Digital Audio Editing****3 units**

Transfer: CSU

- Advisory: Digital Media Post-Production 2.

Formerly Entertainment Technology 41.

In this course, students will combine skills acquired in the advanced digital media courses to design and implement sound for their portfolio projects. Areas covered include live audio recording, working with prerecorded audio elements, and inventing sounds using foley techniques. The principles of sound sweetening and multi-track layering will be addressed, as well as multi-track compositing. Students will also learn techniques to seamlessly move audio files between audio and video editing tools.

*This course uses Avid Pro Tools.***DMPOST 21, Digital Audio for Games****3 units**

Transfer: CSU

- Advisory: Digital Media Post-Production 2.

Formerly Entertainment Technology 39.

This computer based course will introduce students to the fundamentals of digital audio design for video games, and provide them with the basic tools to use the technology effectively and creatively. Practical experience will be balanced by an emphasis on understanding the fundamentals of the technology and its applications within the game industry. Topics covered will include principles of good audio design; the essential hardware and software tools of music production in a digital environment; characteristics and differences between various audio formats; basic principles of sound waveform editing; and recording techniques for interactive and video integration.

This course uses Unity and Avid Pro Tools.

DMPOST 22, Digital Music Production 3 units

Transfer: CSU

- Advisory: Digital Media Post-Production 20.
Formerly Entertainment Technology 41M.

In this course, students will learn the skills necessary to digitally record and produce music at a professional level. Hands-on practical techniques will reinforce an understanding of recording, editing, programming and mixing for music production. Topics covered will include recording with microphones, programming electronic instruments, MIDI, proper use of audio effects and music mixing techniques.
This course uses Avid Pro Tools.

DMPOST 23, Sound Design 3 units

Transfer: CSU

- Advisory: Digital Media Post-Production 20.

This course introduces the fundamentals of designing sound for digital media including film and television using a combination of practical and technological toolsets. Through a parity of theoretical and hands-on application, concepts will be disseminated and applied using industry-standard practices and equipment. Primary topics covered will include practical MIDI setup and implementation, basics of audio synthesis, exploration and use of digital Virtual Instruments, advanced signal processor controls and application as well as best practices for field and Foley recording.

DMPOST 24, Audio Mixing for Visual Media 3 units

Transfer: CSU

- Advisory: Digital Media Post-Production 23.

This course focuses on completing the visual experience through balancing and mixing of audio elements to support a moving image. Students will gain hands-on experience with the Avid S6 audio mixing worksurface, an industry-standard tool and essential for mixing audio to video. Students will be introduced to audio mixing best practices and apply these concepts to in-class and inter-disciplinary projects. Multi-channel and object-based mixing will be explored and utilized to enhance story and on-screen events.
Operational knowledge of Avid Pro Tools is required.

DMPOST 30, Digital Video Editing 3 units

Transfer: CSU

- Advisory: Digital Media Post-Production 3.
Formerly Entertainment Technology 31B.

This course focuses on the advanced techniques, skills, and theories of editing as well as the technical requirements for assembling a digital video project. Through a series of hands-on projects, students will put traditional theories of picture and sound editing into practice using advanced techniques of layering, rotoscoping and motion graphics. This course will utilize a industry standard editing application with a shared storage server.
This course uses Avid Media Composer.

DMPOST 31, Digital Compositing 3 units

Transfer: CSU

- Advisory: Digital Media Post-Production 4.
Formerly Entertainment Technology 32.

Digital compositing is the process of digitally manipulating a combination of source images to produce a seamless whole. This course provides a complete overview of the compositing process as it is used in film/television, visual effects, and multimedia. Areas covered include image creation and manipulation techniques as well as design and color

fundamentals. Through a series of exercises and projects, students will develop the aesthetic and technical skills necessary for integrating diverse visual elements into cohesive imagery.

This course uses Adobe After Effects.

DMPOST 32, Color Grading and Film Finishing 3 units

Transfer: CSU

- Advisory: Digital Media Post-Production 30.

This course introduces the process of finishing a film. Students will learn the normal workflow in post-production of converting all the original footage to lower resolution proxies for editing. Students will use industry-standard software to conform these proxies back to the original footage and prepare the footage for final color correction. Students will learn to analyze with technical scopes to adjust each shot, balance the exposure and contrast, adjust the color tint and saturation, and to correct any inconsistencies from one shot to another. This course will cover the technical as well as the aesthetics of film finishing with the use of professional monitoring equipment and industry-based control panels

DMPOST 33, Advanced Digital Compositing 3 units

Transfer: CSU

- Advisory: DMPOST 31.

Formerly Entertainment Technology 33.

This course introduces students to advanced digital compositing techniques using nodal compositing software applications. Areas covered include color correction, keying, rotoscoping, tracking, digital paint and camera projection. By completing a series of exercises and projects based on professional visual effects methodology, students will hone the aesthetic and technical skills necessary for integrating diverse visual elements into cohesive imagery.

This course uses The Foundry's Nuke.

DMPOST 50, Digital Effects 3 units

Transfer: CSU

- Advisory: DMPOST 4.

Formerly Entertainment Technology 64.

This course provides an overview of the tools used in the creation of 3D digital effects. Topics covered include procedural software interfaces and architecture, modeling, animation, particles, expressions, shading, and rendering. This course emphasizes the fundamental concepts of visual effects production as well as an understanding of the software.

This course uses SideFX Houdini.

DMPOST 51, Digital Tracking and Integration 3 units

Transfer: CSU

- Advisory: DMPOST 3.

Formerly Entertainment Technology 63.

This course focuses on the techniques of combining digitally created elements with live-action footage. Areas covered include camera tracking, matchmoving, rotoscoping, motion capture and green screen photography. Through a series of exercises and projects, students will learn to seamlessly integrate computer generated elements with digital video. Emphasis will be placed on problem solving as well as software training.

This course uses SynthEyes by Andersson Technologies LLC.

DMPOST 52, Advanced Digital Effects 3 units

Transfer: CSU

- Advisory: DMPOST 50.

Formerly Entertainment Technology 65.

This course focuses on advanced methodologies for creating digital effects. Topics covered include advanced particle simulations, expressions and scripting techniques, dynamic simulations, rendering solutions, and effects compositing. This course emphasizes procedural workflows and the interdependency of various software tools to achieve efficient and flexible results.

*This course uses SideFX Houdini.***DMPOST 60, Post-Production Studio 3 units**

Transfer: CSU

Corequisite: Digital Media Post-Production 24 or Digital Media Post-Production 32.

Formerly Entertainment Technology 60.

This advanced computer-based course covers the design and production of a faculty supervised project for portfolio development. Students will produce post-production projects utilizing original and provided footage. Emphasis will be placed on aesthetic quality and technical execution of the narrative format. Students will complete multiple projects for their online site as well as a demo reel of their work. Multiple editing software will be utilized in this course.

Early Childhood Education

Students taking ECE courses that include field work may be required to pay for Live Scan fingerprinting, TB test, Covid-19 vaccination/booster, and show proof of current immunization for measles, pertussis, and the flu.

ECE 2, Principles and Practices of Teaching Young Children 3 units

Transfer: CSU

C-ID: ECE 120.

- Skills Advisory: Psychology 11.

This course examines the historical contexts and theoretical principles of developmentally appropriate and best practices in early care and education for children birth through age eight. It explores the typical roles and expectations of early childhood educators. It identifies professional ethics, career pathways, and professional standards. It introduces best practices for developmentally appropriate learning environments, curriculum, and effective pedagogy for young children including how play contributes to children's learning, growth, and development. This class is appropriate for students wanting to work with young children in a variety of programs, including infant-toddler, preschool, transitional kindergarten, and kindergarten.

ECE 4, Language and Literature for the Young Child 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Psychology 11.

This course provides a developmental framework for planning and implementing experiences that support and extend children's abilities to use language as a means of communication, as a medium of creative expression and as a tool in the development of logical thought. It introduces techniques for assessing children's language skills and for

developing a program to meet those needs through individual interactions and group activities. The course reviews the current research pertaining to language acquisition and pre-reading skills development within a culturally sensitive framework. Students will review children's literature and obtain practice in story selection, reading and storytelling to young children.

ECE 5, Math and Science for the Young Child 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Psychology 11.

This course applies child development principles to the planning of science and mathematics experiences for both typically and atypically developing young children. Emphasis is placed on understanding how children develop problem-solving skills, and on recognizing how teachers can facilitate inquiry-discovery experiences for young children with diverse learning styles and needs. Course work includes participation in experiments and field experiences in life sciences. Students are required to develop and provide developmentally and culturally appropriate activities in science and mathematics activities for young children.

ECE 8, Creative Experiences – Art, Music, and Movement 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Psychology 11.

This course applies child development principles to planning multicultural art, music, and movement experiences for young children. It covers the role of art, music, and movement in developing children's physical-motor, social-emotional, and cognitive skills, with emphasis on providing conditions that encourage development of creativity and aesthetic awareness. Class work includes workshops and field experiences in planning and implementing appropriate creative experiences with young children.

ECE 9, Introduction to School-Age Child Care 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Psychology 11.

This course focuses on the dynamics of school-age children participating in before and after school programs. Developmentally appropriate activities for a diverse group of children between the ages of five and twelve are covered including homework and study skills. State regulations, community resources, nutrition, behavior management, program planning, environment and staff development are covered within a culturally sensitive framework. The importance of literacy is stressed throughout the course.

ECE 11, Child, Family and Community 3 units

Transfer: UC, CSU

C-ID: CDEV 110.

IGETC Area 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Advisory: Psychology 11.

This course is an examination of the developing child in a societal context, focusing on the interrelationship of family, school and community and the influence of multiple societal contexts. It explores the role of collaboration between family, community, and schools in supporting children's development, birth through adolescence. Studies of family

systems in contemporary society as they impact children and their individual heritage, diverse culture, ability and language will be examined, highlighting at least three major American cultures (Latina/o American, African American, Asian American, Native American, and European American). The processes of socialization and identity development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families.

ECE 17, Introduction to Curriculum 3 units

Transfer: CSU
C-ID: ECE 130.

- Prerequisite: None.
- Advisory: Psychology 11.

This course covers developmentally appropriate curriculum and environments for children birth through age eight. Students will use knowledge of children's development, theories of learning and development, observation and assessment, and examples from various models of developmentally appropriate practice to plan environments and curriculum in all content areas and support children's development and learning, integrated throughout indoor and outdoor settings. It explores the teacher's role in supporting development and learning across the curriculum.

ECE 19, Teaching in a Diverse Society 3 units

Transfer: CSU
C-ID: ECE 230.

Satisfies Global Citizenship

The course examines the historical and current perspectives on diversity and inclusion and the impact of systemic societal influences on children's development, learning, and school experiences. Strategies for developmentally, culturally, and linguistically appropriate anti-bias curriculum will be explored, as well as approaches to promote inclusive and anti-racist classroom communities. Students will recognize and contrast the cultural and historical perspectives of at least 3 American cultural groups (Latino American, African American, Asian American, Native American and European American) to promote understanding, knowledge, and skills for educating children in a pluralistic society. Students will self-reflect on the influence of teachers' own culture and life experiences on teaching and interactions with children and families.

ECE 21, Observation and Assessment 4 units

Transfer: CSU
C-ID: ECE 200.

- Prerequisite: PSYCH 11, ECE 2 and ECE 11, and one of the following: ECE 4, ECE 5, ECE 8, ECE 17.

This course is a supervised field experience which focuses on the appropriate use of assessment and observation tools and strategies to document young children's development and learning. The use of findings to inform and plan learning environments and experiences is emphasized. Recording strategies, rating systems, portfolios, and multiple assessment tools will be practiced, along with strategies for collaboration with families and professionals. Students are required to have a current TB test, a Live Scan completed at SMC, and proof of immunizations. Students will also be required to complete 35 days of supervised field experience in an instructor-approved early childhood setting.

The hours of this course may be applied toward the Experience Requirement of the Child Development Permit Matrix.

ECE 22, Practicum in Early Childhood Education 5 units

Transfer: CSU
C-ID: ECE 210.

- Prerequisite: ECE 21.

This course is a demonstration of developmentally appropriate early childhood planning and teaching competencies under the supervision of ECE faculty and other qualified early education professionals. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Reflective practice will be emphasized as student teachers design, implement, and evaluate approaches, strategies, and techniques that promote development and learning. The course includes exploration of career pathways, professional development, and teacher responsibilities. Students are required to have a current TB test, Livescan completed at SMC, and proof of immunizations. Students will also be required to complete 35 days in an approved early childhood setting with a California Mentor (1 day equals 3 or more hours).

The hours of this course may be applied toward the Experience Requirement of the Child Development Permit Matrix.

ECE 23, Practicum In Early Intervention/Special Education 5 units

Transfer: CSU

- Prerequisite: ECE 21 and ECE 45 and ECE 49.

In a fieldwork setting and under the supervision of an early intervention specialist, students will gain practical experience in order to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of young children with special needs and their families. Focus on evidence-based practices in meeting the individualized needs of children in inclusive and natural environments will be stressed. Students will function in the role of an early intervention assistant in professional partnership with an interdisciplinary intervention team. Students will be required to complete 30 days (total 90 hours, 1 day equals 3 or more hours) in an early intervention program, early childhood special education setting or an early childhood setting that includes young children with special needs. Students must bring evidence of a current SMC livescan form or California Commission on Teacher Credentialing Certificate of Clearance or current CA Child Development Permit and a TB test clearance on the first day of class.

ECE 24, Preschool and Early Primary Development 3 units

Transfer: CSU

This course examines theories of development and the developmental processes focusing on children ages 3-6. Developmental benchmarks in the physical, cognitive, social, emotional, and language domains are identified, as well as the multiple influences that impact children's development. This course is designed for those working with students in transitional kindergarten, kindergarten, and early education classrooms.

ECE 25, Assessment in Transitional Kindergarten and Kindergarten 3 units

Transfer: CSU

- Prerequisite: ECE 2 and 24.

This course explores the appropriate use of assessments to support students' development and learning. It covers various methods of observation and data collection, tools, and strategies including time management and legal and ethical responsibilities. The course emphasizes the use of findings to inform and plan differentiated instruction, classroom environments, and to provide the basis for family partnerships. The course is designed for those working with students in transitional kindergarten, kindergarten, and early education classrooms.

ECE 26, CA Preschool Foundations and Frameworks 1 3 units

Transfer: CSU

This course is an introduction to the California Preschool Learning Foundations and Curriculum Frameworks. Domains covered in this course include: Social/Emotional Development, Language/Literacy, English Language Development, Visual and Performing Arts. This course provides practical strategies for implementing the curriculum frameworks developed for each domain and may be used to satisfy required or professional development units for Child Development Permit holders, and/or preschool, transitional kindergarten, and early education teachers.

ECE 27, CA Preschool Foundations and Frameworks 2 3 units

Transfer: CSU

This course is an introduction to the California Preschool Learning Foundations and Curriculum Frameworks. Domains covered in this course include: History/Social Studies, Math, Science, Health, and Physical Development. This course provides practical strategies for implementing the curriculum frameworks developed for each domain and may be used to satisfy required or professional development units for Child Development Permit holders, and/or pre-school, transitional kindergarten, and early-primary teachers.

ECE 28, Practicum in Transitional Kindergarten Teaching 3 units

Transfer: CSU

- Prerequisite: ECE 25 and (ECE 26 or ECE 27).

Designed for students at the end of their Transitional Kindergarten certificate program. Student teachers will participate in 36 hours of supervised clinical practice in a transitional kindergarten classroom. Student teachers will be expected to demonstrate developmentally appropriate teaching competencies, making connections between theory and practice, and professional teaching behaviors. Relationships with children and families; play-based approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as students design, implement and evaluate experiences. Students are required to possess one of the following: a valid Multiple Subject credential, current Certificate of Clearance, or a LiveScan completed at SMC. In addition, all students must show proof of negative TB test (within 365 days) and proof of immunizations.

ECE 29, Reflective Practice Seminar 3 units

Transfer: CSU

- Prerequisite: ECE 22 or 23 or 28.

This course is designed for teachers working in early childhood or transitional kindergarten settings. Students examine their teaching philosophy and engage in the reflective practice cycle process. Students use a variety of instructional strategies, including purposeful play, to assess and support children's learning and development. This course is the capstone course for the Transitional Kindergarten certificate.

ECE 30, Strategies for Working with Challenging Behaviors 3 units

Transfer: UC, CSU

- Prerequisite: None.

This course is appropriate for classroom teachers in various settings, students will identify developmentally appropriate behaviors, challenging behaviors and the various influences that effect children's behavior. Students will analyze children's behaviors and select strategies to make positive changes. Emphasizes the connection between children's social and emotional development and their success in the classroom, and how the teachers' perceptions, experiences, and behavior influence child behaviors.

ECE 32, Communicating with Families 3 units

Transfer: CSU

- Prerequisite: None.

This course will enhance the capacity of early childhood educators to communicate effectively with families about development and developmental concerns. Topics covered will include an overview of typical and atypical child development, parenting and social challenges faced by families of children with special needs, the importance of developmental screening and effective communication strategies for working with families. The ultimate goal of the course is to enhance the relationships between parents and the providers who serve them.

ECE 41, Administration 1: Programs in Early Childhood Education 3 units

Transfer: CSU

- Prerequisite: Early Childhood Education 21.
- Advisory: Experience as an early childhood teacher.

Introduction to the administration of early childhood programs. Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program. This course meets the requirements of the State Department of Social Services for directors of programs under their supervision.

ECE 43, Administration 2: Personnel and Leadership in Early Childhood Education 3 units

Transfer: CSU

- Prerequisite: Early Childhood Education 41.

Effective strategies for personnel management and leadership in early care and education settings. Includes legal and ethical responsibilities, supervision techniques, professional development, and reflective practices for a diverse and inclusive early care and education program.

ECE 45, Introduction to Children with Special Needs **3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Psychology 11.

This course introduces students to the variations in development of individuals with special needs, with special emphasis on children ages birth through eight and the resulting impact on families. Content includes an overview of historical and societal influences, laws related to children with special needs, and identification and referral processes. The course covers various categories of disability, including learning disabilities, physical disabilities, autism spectrum disorder, intellectual disabilities, emotional and behavioral disorders, communication disorders, visual and hearing impairments, attention deficit hyperactivity disorder and giftedness.

ECE 46, Infant and Toddler Development **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Psychology 11.

This course provides an in depth analysis of the physical, social, emotional and cognitive development of infants and toddlers in the context of family. Further, it explores the crucial role that parents and family play in the day to day experiences that promote this primary relationship in a child's life. Content covered will include assessment measures and direct observations of infants and toddlers which assist teachers and parents in the early identification of children with special needs including making appropriate referrals and providing culturally consistent care.

ECE 47, Developing Family Childcare **3 units**

Transfer: CSU

- Prerequisite: None.

This course is designed to assist with planning and implementing a family childcare business serving children from birth to school-age. Aspects of family childcare from both a caregiving and business perspective will be addressed. Topics covered include the environment, guidance, self-care, curriculum, legal implications, licensing regulations, and business requirements. Another focus will be the development of a culturally sensitive and inclusive child-centered program. Effective communication methods between parents and providers as well as the connection of developmental theory to practice will be emphasized.

ECE 48, Adult Supervision and Mentoring in Early Education **3 units**

- Prerequisite: Early Childhood Education 21.

Completing this course is one of the steps required to become a California Mentor Teacher. It does not guarantee automatic selection as a California Mentor Teacher.

Methods and principles of supervising student teachers, volunteers, staff, and other adults in early care and education settings. Emphasis is on reflective practice and the roles and development of early childhood professionals as mentors and leaders. California Commission on Teacher Credentialing requires this course for Master Teacher, Site Supervisor and Program Director Permits Option One. California ECE Mentor Teacher program requires this course in order to apply to the Mentor program. As a component of course work, this class requires 4 hours of time to complete

an infant/toddler or preschool live observation using a standard assessment tool and creation of a plan for mentoring.

ECE 49, Curriculum and Strategies for Children with Special Needs **3 units**

Transfer: CSU

- Prerequisite: Early Childhood Education 45.

This course covers curriculum and intervention strategies for working with children with special needs in partnership with families. The course focuses on the use of observation and assessment, accommodations, and curriculum modifications in meeting the individual needs of children in inclusive and natural environments. Content includes cultural awareness and competence, professional partnerships with families, and collaboration with interdisciplinary teams.

ECE 51, The Reggio Approach **3 units**

Transfer: CSU

- Prerequisite: None.

In cooperation with the State Commission of Teacher Credentialing, this course will focus on the theories, research, and practical application of the Reggio Emilia Approach as applicable to early childhood education in the U.S. The key concepts of collaboration between parents, teachers and children; observation of how children construct theories; documentation and reflection of the learning process; the expanded role of the teacher as a co-creator of knowledge, and the examination of the impact of the environment in facilitating children's learning will be studied.

ECE 54, Documentation: Making Learning Visible **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly ECE 52.

This course highlights documentation as a process focusing on children's experiences, thoughts and ideas during the course of their investigations, experiences, play, and relationship building. Documentation sharpens and focuses teacher's own awareness of their role in further supporting children's experiences and development. Pedagogical documentation is about the ongoing process of reflection and being intentional. Students will be introduced to the forms, tools, and uses of documentation as well as the elements by which effective documentation can make learning visible to children, parents and teachers.

ECE 55, Environment as the Third Teacher **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly ECE 53.

This course highlights the elements that can stimulate, sustain, enhance, or detract from living and learning in an early childhood classroom or outdoor space. This course includes principles of architecture and design based on the elements of Rating Observation Scale for Inspiring Environments tool. The elements of the environment as they support relationships, engage senses, help create connections, promote literacy, and numeracy support problem solving, and provide intellectual and physical challenges, will be explored. In addition environments will be evaluated for elements including osmosis, sensory integration, flexibility, transparency, and narration.

ECE 61, Teacher/Child Interactions 3 units

Transfer: CSU

- Prerequisite: None.

The early childhood years are critical for children to gain knowledge and skills that provide the foundation for later learning. Young children learn through the interactions they have with their teachers. This course is intended to increase students' knowledge about the vital role that teacher-child interactions play in learning and skill acquisition. Because language and early literacy skills are the gatekeepers for later school success, this course will also provide students with the knowledge they need to effectively implement language and literacy curricula through meaningful and intentional teacher-child interactions.

ECE 64, Health, Safety, and Nutrition for Young Children 3 units

Transfer: CSU

C-ID: ECE 220.

- Prerequisite: None.

The course provides an introduction to the laws, regulations, standards, policies, and best practices related to health, safety, and nutrition in care and education settings for children birth through middle childhood. The key components that ensure physical health, mental health, and safety for both children and staff will be identified, along with the importance of collaboration with families and health professionals. Course discussion includes the teacher's role in prevention strategies, nutrition and meal planning, integrating health, safety, and nutrition experiences into daily routines, and overall risk management.

ECE 70, The Hanen Language Program 3 units

Transfer: CSU

- Prerequisite: None.

This course teaches the methods of the Hanen Centre's "Learning Language and Loving It" research based program designed to facilitate language acquisition skills in young children. It provides students with a step-by-step approach to promoting children's social, language and literacy development within everyday activities in early childhood settings. Students will learn how to create enriched interactive language-learning environments that include children with special needs, second language learners and those who are typically developing. This class requires students to have ongoing access to young children (any age from birth to 8) in a family child care or early childhood education program. Students will need access to a digital video camera in order to document their interactions with young children.

ECE 71, Infants and Toddler Education and Care 3 units

Transfer: CSU

- Advisory: Early Childhood Education 46.

This course applies current theory and research to the care and education of infants and toddlers in group settings. It examines essential policies, principles and practices that lead to quality care and developmentally appropriate curriculum for children birth to 36 months. It will include basic principles of care giving, arrangement and equipping the environment; working with other staff, parents and the community; identifying children with special needs and making appropriate referrals, and providing culturally consistent care.

ECE 75, Dance for Children: Creative Dance in the Pre-K and Elementary Classroom 3 units

Transfer: CSU

- Prerequisite: None.

This course, the study of developmentally appropriate creative movement experiences for children, gives students methods to guide creativity in the pre-K and elementary classroom and to develop dance lessons tied to specific subject areas. Students gain knowledge of the movement aspect of child development and how to use creative dance to research and teach subject matter across the pre-K and elementary curriculum. It covers the role of movement in developing children's physical, motor, emotional, and cognitive skills, and includes workshops and field experience in planning and implementing appropriate creative experiences with young children.

ECE 75 and Dance 75 are the same course. Students may receive credit for one but not both.

ECE 76, Children in Nature 3 units

Transfer: CSU

- Prerequisite: ECE 21 or three years of Early Children program experiences.

This course examines contemporary trends and issues that impact children's healthy development and learning through the lens of environmental education and sustainability. Using a variety of industry resources, students will explore programmatic and system requirements, as well as research-based practices that enhance access to nature, environmental literacy, and healthy development in early childhood. Key topics include environmental awareness in indoor and outdoor learning environments, the relationship between play in nature and environmental behavior as adults, developing a sense of place through curricular activities that promote active learning and emphasize sustainable choice-making, and involving families and communities in the development of the outdoor learning environment. The course includes opportunities to observe a nature-based early childhood education in action.

Program visits and observations will be required for successful completion of this course.

ECE 77, Nature: In, Out, and Beyond 3 units

Transfer: CSU

- Prerequisite: ECE 76.

This course examines the unique approach to curriculum found in nature-based early care and education programs. Students will utilize research-driven practices to assess, modify, and develop play-based indoor and outdoor environments, rooted in environmental awareness and sustainability. Key topics include the forest kindergarten approach, making connections between the indoor and outdoor learning environment, place-based education, the value of unstructured play, supporting language development in nature, conducting benefit-risk assessments, and creating nature-based learning opportunities across the developmental domains. The course will include opportunities to observe a nature-based early childhood education in action. *Program visits and observation hours will be required for successful completion of this course.*

ECE 81, Music for Early Childhood Education 3 units

Transfer: CSU

This course is an introduction to teaching music classes for children ages infancy through age 6 in a group setting.

Various music teaching techniques and teaching materials will be explored.

ECE 81 is the same course as MUSIC 27. Students may earn credit for one, but not both.

ECE 88A, Independent Studies in Early Childhood Education **1 unit**

Transfer: CSU

Please see “Independent Studies” section.

ECE 88B, Independent Studies in Early Childhood Education **2 units**

Transfer: CSU

Please see “Independent Studies” section.

Early Childhood Education – Noncredit

ECE 900, Early Childhood Education Communication Skills **0 units**

This course provides additional assistance to students pursuing Early Childhood Education careers.

ECE 901, Introduction to Early Care and Education **0 units**

This course is designed to introduce students to the stages of child development from birth through five years of age, best practices in supporting healthy growth and development, and an overview of family and community resources to support children’s diverse needs. The course emphasizes effective communication and guidance strategies for working in a diverse early care and education setting.

ECE 902, Culturally Relevant Curriculum **0 units**

This course provides an introduction to developmentally appropriate and culturally relevant curriculum for children from birth through age five. Course content emphasizes developing age appropriate activities and creating effective learning environments for children in a diverse early care and education setting.

ECE 903, Early Care Licensing and Workforce Readiness **0 units**

Introduction to requirements for obtaining a license as a family home care provider. Review of the National Association for Education of Young Children (NAEYC) code of ethical conduct and California’s licensing regulations. Emphasis on professionalism, health and safety in early care and education environments.

ECE 921, Parenting: Together in Nature **0 units**

In this family playgroup experience, parents will learn about the social, emotional, physical, and cognitive development of young children, the importance of play, and strategies that support a strong foundation for future learning, within the context of nature-based experiences with their child. Parents will learn to create safe, healthy, and inclusive environments from which to observe and interact with their child. In addition, they will share ideas, resources, and information while participating with other families in informal discussion groups. The skills learned in this class promote positive parenting attitudes and healthy parent-child relationships.

ECE 922, Reflective Parenting with Exceptional Children **0 units**

In this experiential learning course, parents will consider child development and reflective parenting principles and apply them to parenting children with exceptional abilities and needs. Parents will learn about reflective practices and mindfulness and consider how they support positive parent-child interactions. Parents will examine parent and child rights, the IFSP and IEP process, decision-making, therapy options, accessing community supports and services, and advocacy, through a reflective lens. The course offers parents a forum to discuss the emotional aspects of parenting a child with exceptionalities and share resources. The skills learned in this class promote positive parenting attitudes and healthy parent-child relationships.

Economics

Economics is the study of how society allocates scarce resources. The goal is to understand the decisions of businesses and consumers as well as the implications and causes of contemporary economic issues by developing a systematic and thorough understanding of precisely how economic systems operate. Courses in the discipline of economics study the structure of markets and economies, the relationship between regions within the global economy, and strive to convey how economists reason and how they analyze models and compare model implications to observations.

ECON 1, Principles of Microeconomics **3 units**

Transfer: UC, CSU

C-ID: ECON 201.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: MATH 31 or MATH 49 and Eligibility for English 1.

This course introduces students to the supply and demand model, the concept of elasticity, productivity and cost structures. Within the Supply and Demand framework, the class studies the impact of government intervention on markets. The class evaluates alternative market structures in terms of prices, efficiency, and the role of the government.

Students may take ECON 1 and ECON 2 in any order, or even at the same time.

ECON 2, Principles of Macroeconomics **3 units**

Transfer: UC, CSU

C-ID: ECON 202.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: MATH 31 or MATH 49 and Eligibility for English 1.

This course introduces students to measurement of economic aggregates, economic models, and economic policy. Measures of economic aggregates include: GDP, the unemployment rate, the GDP Deflator, and the Consumer Price Index. The Great Depression is used as an introduction to macroeconomic policy. The course covers the tools of fiscal and monetary policy and their impact on aggregate demand, prices, income and interest rates. Additionally, the course introduces students to following models: Classical,

Keynesian, Monetarist, and Supply Side with their corresponding policy implications and recommendations. *Students may take ECON 1 and ECON 2 in any order, or even at the same time.*

ECON 4, Environmental Economics 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: MATH 31 or MATH 50 and Eligibility for English 1.

This course emphasizes the application of economic theory to environmental issues and resource allocation. It evaluates the potential role of government in implementing environmental policy to solve issues related to market failure. It also explores the ecological approach to environmental issues, connecting economic systems with natural ecosystems.

Economics 4 is the same course as Environmental Studies 4. Students may earn credit for one but not both.

ECON 5, International Political Economy: Introduction to Global Studies 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Science)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course offers an interdisciplinary introduction to the fields of Global Studies and International Political Economy. Students will analyze critically the role of national governments, international organizations, nongovernmental organizations, and multinational corporations, in regard to phenomena such as, international markets and production regimes, monetary and trade policy, international and global conflict, and environmental degradation. Contending theoretical and ideological perspectives regarding international systems, processes, and trends will be applied and evaluated.

Economics 5 is the same course as Political Science 5 and Global Studies 5. Students may earn credit for one, but not both.

ECON 6, Contemporary Economic Problems 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course stresses the application of economic theory to important current problems with special emphasis on the role of government and public policy in their resolution. Problems emphasized may include resource management, the environment, government expenditures, public programs, issues of growth and development, and various market irrationalities. This problem-oriented course allows for a detailed examination of significant 21st century domestic and global economic problems and provides students with the opportunity for extensive supervised research.

ECON 8, Women in the Economy 3 units

Transfer: UC, CSU

IGETC Area 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: MATH 31 or MATH 50 and Eligibility for English 1.

This course applies economic theory to study women's decisions regarding labor force participation, unpaid household production, and marriage and fertility. Other topics to be considered include: the gender wage gap, women's educational attainment, and economic differences for women across race, socioeconomic status, and marital status.

Economics 8 is the same course as Women's, Gender, and Sexuality Studies 8. Students may earn credit for one but not both.

ECON 15, Economic History of the U.S. 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences) OR 3B (Humanities)

+ satisfies CSU U.S. History graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Economic History of the USA is a one-semester, interdisciplinary course (Econ 15 or Hist 15) that surveys the origins and development of the U.S. economy from the period of European exploration and colonization through the present period. The course utilizes a thematic approach to consecutive historic periods of economic growth with an emphasis on specific sectors (agriculture, transportation, industry, energy, commerce, finance, government and public policy), as well as on the attendant impacts on the environment, producers, consumers, labor and diverse socio-economic groups. Students will learn basic economic concepts in order to help describe, explain, and analyze the historic events, trends, and institutions that influence the U.S. economy.

Economics 15 is the same course as History 15. Students may earn credit for one, but not both.

ECON 88A, Independent Studies in Economics 1 unit

Transfer: CSU

Please see "Independent Studies" section.

ECON 88B, Independent Studies in Economics 2 units

Transfer: CSU

Please see "Independent Studies" section.

ECON 90A, Internship in Economics 1 unit

Transfer: CSU

Please see "Internships" section.

ECON 90B, Internship in Economics 2 units

Transfer: CSU

Please see "Internships" section.

Education

Students taking Education courses that include field work may be required to pay for Live Scan fingerprinting, TB test, Covid-19 vaccination/booster, and show proof of current immunization for measles, pertussis, and the flu.

EDUC 12, Introduction to Elementary Classroom Teaching and Field Experiences 3 units

Transfer: UC, CSU

This course introduces students to the concepts and issues related to teaching diverse learners in elementary school

classrooms. Topics include teaching as a profession and career, historical and philosophical foundations of the American education system, contemporary educational issues, California's content standards and frameworks, and teacher performance standards. In addition to class time, the course requires a minimum of 45 hours of structured fieldwork in public school elementary classrooms that represent California's diverse student population, and includes cooperation with at least one carefully selected and campus-approved certificated classroom teacher.

Field work: As part of the course, students will perform 45 hours of fieldwork in local elementary school classrooms. Placements in area schools will be arranged with letters of introduction and verification forms prepared by the instructor. Students must have a negative TB test result to participate in the 45-hour observation.

Energy Efficiency

Courses in Energy Efficiency are part of the Sustainable Technologies course offerings. Energy Efficiency courses provide formal training for individuals who seek entry into the Energy Services field. Students will learn to conduct energy audits in residential buildings; establish energy efficiency benchmarks for commercial buildings and data center physical infrastructures; and help utilize resources more efficiently by reducing lighting, and lowering heating and cooling energy consumption in building systems and processes. Students will learn to provide analyses and recommendations that will help suggest alternative energy sources, as well as unconventional lighting, cooling, space heating, and resource management procedures.

ENERGY 1, Introduction to Energy Efficiency 3 units

- Prerequisite: None.

This course will present basic energy concepts, lighting fundamentals and identification of opportunities for efficiency changes in buildings. Topics include scientific principles of energy, light and heat, energy codes and standards, metering and monitoring. Students will examine the economic, regulatory, and infrastructure issues affecting implementation of energy efficiency measures as well as their potential for solving energy and environmental problems.

ENERGY 2, Residential Building Science 3 units

- Prerequisite: None.

This course will develop an intermediate level of understanding of energy efficiency concepts especially as they apply to reductions in residential energy consumption and the practice of Building Performance Analysis. This course will cover energy and power concepts, rate options, load profile understanding, an introduction to smart grid technology, deeper understanding of the principles of heat, air, and moisture movement in residential homes. Students will be introduced to the operation of energy audit equipment such as the blower door test, the duct blaster, and the combustion analyzer. Student will learn to identify CAZ zones (combustion air zones) and to structure the placement of the blower door and duct blaster and develop the procedure for measuring air leakage rates of a typical residential home.

ENERGY 3, Commercial Building Science 4 units

- Skills Advisory: Energy Efficiency 1 and 2.

This course examines energy efficiency concepts as they apply to reductions in energy consumption for commercial buildings. Assessment of building performance related to design, construction, and operation will be analyzed. Students will examine various gas and electric rate options, HVAC systems and types of high-intensity lighting. Load profiles, calculating return on investment, and life-cycle cost of commercial building energy retrofit measures are explored.

Engineering

Engineers apply the theories and principles of science and mathematics to research and develop economical solutions to practical technical problems. Their work is the link between scientific discoveries and commercial applications. Engineers design products, the machinery to build those products, the factories in which those products are made, and the systems that ensure the quality of the product and efficiency of the workforce and manufacturing process. There are a variety of engineering fields: electrical, mechanical, civil, industrial, aeronautical, chemical, materials, nuclear, petroleum and mining engineering.

ENGR 1, Introduction to Engineering 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course is an introduction to the methods and tools of engineering problem solving and design, including the interface of the engineer with society and engineering ethics. While addressing the branches of engineering, the functions of an engineer, and the industries in which engineers work, this course examines the engineering education pathways and explores effective academic strategies. Communication skills pertinent to the engineering profession are also addressed.

ENGR 11, Engineering Graphics and Design 3 units

Transfer: UC, CSU

- Prerequisite: Math 2 or (Math 3 and 4).

This course covers the principles of engineering drawings to visually communicate engineering designs. The course also serves as an introduction to computer-aided design (CAD). Topics include the development of visualization skills, orthographic projections, dimensioning and tolerancing practices, and an introduction to the engineering design process. Sketching, engineering drawings, and 3D CAD solid modeling skills are developed. The use of CAD software is an integral part of the course.

ENGR 12, Statics 3 units

Transfer: UC, CSU

- Prerequisite: Physics 21 and Math 7.

This course covers basic principles of static equilibrium in two and three dimensions utilizing vector analysis and Newton's laws. Various structures are considered which include trusses, frames, machines, and beams.

ENGR 16, Dynamics 3 units

Transfer: UC, CSU

- Prerequisite: Engineering 12.

This course addresses the kinematics and dynamics of particles and rigid bodies in two and three dimensions.

Topics considered include universal gravitation, conservation laws, work-energy and impulse-momentum relations, and mechanical vibration.

ENGR 21, Circuit Analysis **3 units**

Transfer: UC, CSU

- Prerequisite: Physics 22; Prerequisite/Corequisite: Math 15 (Math 15 can be taken concurrently with Engineering 21).

This course serves as an introduction to the analysis of electrical circuits through the use of analytical techniques based on the application of circuit laws and network theorems. The course covers DC and AC circuits containing resistors, capacitors, inductors, dependent sources, operational amplifiers, and/or switches. The analysis of these circuits include natural and forced responses of first and second order RLC circuits, the use of phasors, AC power calculations, power transfer, and energy concepts.

ENGR 22, Circuit Analysis Lab **1 unit**

Transfer: UC, CSU

Prerequisite/Corequisite: Engineering 21.

This course serves as an introduction to the construction, measurement, and design of elementary electrical circuits and basic operational amplifier circuits. Students gain familiarity with the basic use of electrical test and measurement instruments, including multimeters, oscilloscopes, power supplies, and function generators. Using principles of circuit analysis for DC, transient, and sinusoidal steady-state (AC) conditions, students develop data interpretation skills by using circuit simulation software and by direct measurements of circuits. Practical considerations such as component value tolerance and non-ideal aspects of laboratory instruments are also introduced.

ENGR 88A, Independent Studies in Engineering **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

ENGR 88B, Independent Studies in Engineering **2 units**

Transfer: CSU

Please see "Independent Studies" section.

ENGR 88C, Independent Studies in Engineering **3 units**

Transfer: CSU

Please see "Independent Studies" section.

English - Composition

Courses below are open to students in English Placement Group A. Assessment is required to determine class placement. See smc.edu/successcenter.

ENGL 1, Reading and Composition 1 **3 units**

Transfer: UC, CSU

IGETC AREA 1A (English Composition)

- Prerequisite: English 21B or 22, ESL 21B or Group A on the Placement Test.

This introductory course in rhetoric emphasizes clear, effective written communication and preparation of the research paper.

ENGL 1D, Reading and Writing Composition I - Diversity **3 units**

Transfer: UC, CSU

IGETC Area 1A (English Composition)

- Prerequisite: ESL 19B or Group A Placement.

This introductory course in rhetoric emphasizes clear, effective written communication and preparation of the research paper using texts that showcase issues of diversity and systems of difference. Students will learn of at least 2 different groups of people and begin to understand, through multiple perspectives and contexts, how political and social structures impact these groups. Examples of topics that may be discussed in class include the environment, violence, education, and the media.

ENGL 31, Advanced Composition **3 units**

Transfer: UC, CSU

- Prerequisite: English 1.

This advanced writing course is intended especially for English majors and other students desiring to develop rhetorical skills beyond those practiced in English 1. It stresses critical analysis and argument, and focuses on style in effectively communicating with various audiences.

ENGL 48, Speed Reading and College Vocabulary **3 units**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is designed for college-level readers who wish to develop reading versatility, effectiveness and efficiency in reading and studying. It includes rapid reading applied to general materials, skimming, study-reading of college texts, an introduction to critical reading, and general vocabulary building.

ENGL 70, Technical Communication **3 units**

Transfer: CSU

- Prerequisite: English 1.

This course introduces students to the fundamental principles of technical communication, the process of creating, designing, and transmitting technical information to help people use it effectively. The course examines the essential rhetorical structure of scientific and professional texts. Using some of the latest technology, students will prepare specific types of documents commonly used in the academic and professional worlds, especially in the sciences, high technology, and environmental studies.

ENGL 90A, Internship in English **1 unit**

Transfer: CSU

Please see "Internships" section.

ENGL 90B, Internship in English **2 units**

Transfer: CSU

Please see "Internships" section.

ENGL 300, Advanced Writing and Critical Thinking in the Disciplines **3 units**

Transfer: CSU

- Prerequisite: English 2 and admission to the SMC baccalaureate program.

Written and oral communications vary greatly between disciplines and fields. Building on the critical thinking and writing skills developed at the lower division level, this

FIRST-YEAR ENGLISH COURSE OPTIONS

Core Courses

Optional Support Courses

Support courses below are recommended but not required. They can be taken in any order or concurrently with core courses within the same group.

ENGLISH 1
Reading and Composition 1 (3 units)

OR

ENGLISH 1
Reading and Composition 1 (3 units)

ENGLISH 28
Intensive College Writing Skills (2 units)

English 28 is a non-transferable course.

ENGLISH 20
Reading and Writing 2 (5 units)

ENGLISH 23
Intermediate Reading and Vocabulary (3 units)

ENGLISH 24
Grammar Review (3 units)

Course Descriptions

course further prepares students in the application of logical reasoning, analysis, and strategies of argumentation in both written and oral communication of content specific information. Students examine scholarly and professional readings and apply theoretical perspectives in a variety of modalities (genres and media) in a way that is targeted to specific audiences. Through critical analysis and review of appropriate literature, as well as complex writing assignments, students develop writing as a core aspect of academic and professional practice.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

English - Creative Writing

ENGL 30A, Beginning Creative Writing 3 units

Transfer: UC, CSU

- Advisory: ENGL 1.

This course is designed to introduce students to the craft and technique involved in writing short fiction and/or poetry.

ENGL 30B, Advanced Creative Writing 3 units

Transfer: UC, CSU

- Prerequisite: English 30A.

This course continues the student's training in the craft and technique of writing short fiction or poetry, and introduces creative non-fiction.

English - Fundamentals

Courses below are open to students in English Assessment Groups A and B. Assessment is required to determine class placement. See smc.edu/successcenter.

ENGL 20, Preparation for College Reading and Writing 3 units

This course is designed to help students improve intermediate reading and writing skills necessary for college success. Students will increase their reading comprehension and vocabulary; they will build their understanding of patterns of organization used in academic writing, as well as their inferential reading techniques. Through the integrated study of reading and writing, students will develop an efficient writing process appropriate to audience and purpose. The course requires classroom work, and homework. In English 20, students will also review grammar and usage and develop skill in writing essays.

ENGL 21A, English Fundamentals 1 3 units

- Prerequisite: Group B on the Placement Test.

This course is the first semester of a two-semester course, English 21A/B. It consists of instruction in composition and the comprehension and analysis of readings, focusing on rhetorical strategies appropriate to audience and purposes in academic disciplines and the workplace. It also consists of a review of English grammar and usage.

ENGL 21B, English Fundamentals 2 3 units

- Prerequisite: English 20.

This course is the second semester of a two-semester course, English 21AB. It continues the study of composition,

the fundamentals of English grammar and usage, and analysis of readings. Students will explore research techniques, as they write essays with multiple sources.

English 21B and 22: maximum of 3 units applied toward the SMC Associate degree.

ENGL 22, Writing Laboratory 3 units

- Prerequisite: English 21A or English 20.

This course provides extensive practice in composition, from pre-writing activities through rough drafts to final drafts, from single paragraphs to themes of several pages. Review of the fundamentals is assigned where needed.

English 21B and 22: maximum of 3 units applied toward the SMC Associate degree.

ENGL 23, Intermediate Reading and Vocabulary 3 units

- Prerequisite: Group B on the Placement Test.

This course is an intermediate course designed to improve the reading skills necessary for college success and is strongly recommended for all students who score at the B level on the English Assessment Test. It concentrates on techniques of comprehension, such as finding the main idea, recognizing details and patterns of organization, as well as inference and critical reading skills. It also focuses on vocabulary development, study reading techniques and reading rate and flexibility.

ENGL 24, Grammar Review 3 units

- Prerequisite: Group A or B on the Placement Test.

This course is an intensive review of the principles of grammar for students who want to increase their understanding of the fundamentals of English. The course is open to all students at the A or B level. Students may wish to take the course prior to or concurrently with an English composition or a Business English course.

ENGL 28, Intensive College Writing Skills 2 units

- Prerequisite: Group B on the Placement Test.

This course emphasizes clear, effective written communication and preparation of the research paper to prepare students for success in college-level composition and reading. It consists of instruction in composition, comprehension and analysis of college-level readings, and basic research skills.

English - Literature

ENGL 2, Critical Analysis and Intermediate Composition 3 units

Transfer: UC, CSU

C-ID: ENGL 105.

IGETC AREA 1B (English Composition- Critical Thinking) or 3B (Humanities)

- Prerequisite: English 1.

This course helps students to develop their critical thinking and writing skills beyond the level achieved in Reading and Composition 1. The course emphasizes the application of logical reasoning, analysis, and strategies of argumentation in critical thinking and writing, using literature (both fiction and non-fiction) and literary criticism as subject matter.

ENGL 3, World Literature 1 **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

This course is a study of some of the masterpieces of world literature from Homer to Cervantes.

ENGL 4, World Literature 2 **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

The course explores significant works of fiction, poetry, and drama from the Enlightenment to the present. In addition, the course examines the social, intellectual, and historical foundations that have shaped the literature of this period.

ENGL 5, English Literature 1 **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.
 • Advisory: English 2.

This course traces the historical development of English literature from the Anglo-Saxon period through the end of the Neo-Classical Period in 1798.

ENGL 6, English Literature 2 **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

A continuation of English 5, this course covers English literature from the Romantic Age to the 20th Century.

ENGL 7, American Literature 1 **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

This course surveys American literature from its beginnings to the Civil War.

ENGL 8, American Literature 2 **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

This course covers the period from the Civil War to World War II. This is a survey course in American literature, designed to introduce the students to a variety of the novels, short stories, and poems that make up the best of that literature.

ENGL 9, Literature of California **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Arts and Humanities)
Satisfies Global Citizenship
 • Prerequisite: English 1.

This course provides a survey of the literary works of California, exploring prominent themes and motifs expressed by native and immigrant groups from the time of the Spanish conquest to the 1980s. It defines California literature and its influences on the American literary canon. Students will study and compare issues related to identity and geography, assimilation, family, class, and gender as they are reflected in the works by writers from at least four ethnic groups in the state, including but not limited to indigenous peoples, Chicanos/Latinos, European Americans, Asian Americans, and African Americans.

ENGL 10, Race and Ethnicity in Literature of the U.S. **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
Satisfies Global Citizenship
 • Prerequisite: English 1.
 • Advisory: English 2.

This course focuses on the literature written by and about United States' ethnic groups, including European Americans, Native Americans, Asian Americans, African Americans, Latinx-Americans, Jewish Americans, and others. Students will analyze representative works from major genres and explore both the commonalities and differences among the works, including the uniquely American confusion and conflict around race and ethnicity. The course also examines the influence of these writers on the course of American literature.

ENGL 14, Contemporary American Literature **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

This course surveys contemporary American literature since World War II, with special emphasis on the novel. The selected texts include some of the essential and recurring themes in the history of American literature reflecting a diverse and evolving landscape of gender, ethnic and race relationships. The course content also aims to closely examine current literary criticism and cultural studies in order to familiarize students with different approaches to the interpretation of texts.

ENGL 15, Shakespeare **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

In this course, students read and analyze seven or eight of Shakespeare's most popular plays, as well as study his life, times, and theatre.

ENGL 17, Contemporary British Literature **3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

This course introduces the students to the variety and wealth of British literature since 1945. The course will focus on novels, short stories, plays, and poetry from among such authors as Angela Carter, Salman Rushdie, Seamus Heaney, and Jeanette Winterson. The course will cover topics such as gender, race, sexuality, and class as well as explore changes in style, genre, and literary experimentation. Discussion of relevant British music, films, fashion, and art will also be introduced.

ENGL 18, Children's Literature **3 units**

Transfer: CSU
 C-ID: ENGL 120.
 IGETC AREA 3B (Humanities)
 • Prerequisite: English 1.

This course focuses specifically on Children's Literature, including the value of children's books to child psychology and development, and the historical construction of childhood. It introduces representative works from major genres, develops students' close reading and analytical writing skills, and promotes appreciation and critical under-

standing of the cultural, historical, and aesthetic qualities of literature.

ENGL 26, Introduction to the Humanities 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

In this introduction to the humanities students will survey literature in conjunction with great works of art through the ages (painting, sculpture, music, architecture, dance) exploring how, at widely separated points in time, artists and writers have expressed and responded to cultural, political, and intellectual concerns of their day. In doing so, they will see literature in the context of other art forms. *English 26 is the same course as Humanities 26. Students may earn credit for one, but not both.*

ENGL 32, History and Literature of Contemporary Africa 3 units

Transfer: CSU
• Prerequisite: None.

Formerly same course as History 30.

This course examines the works of African writers of the essay, the novel and shorter fiction, drama and poetry, with emphasis on the interpersonal, cultural, and political tensions of modern and post-modern Africa as expressed in its literature and history. It explores the universality of this literature while at the same time recognizing its sources in the conflicts of modern history and society.

ENGL 34, Afro-American Literature 3 units

Transfer: UC, CSU
C-ID: ENGL 120.
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course explores the works of Afro-American writers of the essay, novel, short fiction, drama, and poetry. The course develops students' close reading, analytical writing skills, and promotes an appreciation and a critical understanding of the cultural, historical, and aesthetic qualities of this portion of the American literary tradition.

ENGL 38, Literature of the Absurd 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course is an examination of the novel, short fiction, and drama which may be categorized as "absurd." These writings portray humans as bewildered beings in an incomprehensible or meaningless universe.

ENGL 39, Images of Women in Literature 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course analyzes the images of women presented in fiction, poetry and drama in various historical periods. Special attention is given to the way women writers transform women's psychological, sociological and political experience into literature, but course readings may also include male writers.

ENGL 40, Asian Literature 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

Major works of Asian literature will provide a window to the rich cultures of a fascinating part of the world. Students will study literature of at least four Asian countries. The course is designed to introduce students to the important values of the society, the major beliefs and traditions of the culture, and prominent motifs of the arts of these countries.

ENGL 41, Introduction to Asian American Literature 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course will study the major literary works of Asian American writers who form the rich mosaic of contemporary American culture. Students will be introduced to the literature of at least four Asian American communities each semester. The course will explore the complex nature of the Asian American experience and locate the literature of these communities in the broader context of contemporary American literature.

ENGL 45, Asian Film, Literature, and Society 3 units

Transfer: UC, CSU
IGETC Area 3B (Humanities)

- Prerequisite: English 1.

This introductory course will study contemporary Asian literature and film as reflections of the cultural values and important social and political movements in some Asian countries. Students will study selected films and literature from at least three Asian countries each semester in order to highlight and explore the relationship between images and words, between the verbal text and the visual text.

ENGL 49, Asian Mythology 3 units

Transfer: UC, CSU
IGETC Area 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: English 1.

This course studies the major characters and tales from the mythologies of several Asian societies. A sort of ur-knowledge or ur-science, mythology in Asian societies is both an attempt to understand the nature of the cosmos and a human being's place in it as well as a means of organizing relationships among people to form a cohesive, functioning society. The course takes a thematic approach to myths and legends from a variety of sources, especially literature and the visual arts, to examine humanity's attempt to explain the unknown and the meaning of life: the beginning of the world, creation of living creatures, explanation of natural phenomena, relationships between gods and mortals, deeds of super heroes, duties of an individual in a society, death, and afterlife. The resonance of these mythological motifs and characters in modern Asian cultures will also be studied.

ENGL 50, Mythology 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course studies the major characters and tales from Greek and Roman mythology. It takes a thematic approach to myths and legends from a variety of sources, examining humanity's attempt to explain the unknown: the beginning of the world, creation of living creatures, explanation of

natural phenomena, relationships between gods and mortals, deeds of super heroes, testing, death, and afterlife. The emphasis is primarily on Western culture -- Greek and Roman myths which have influenced literature and allied arts from earliest time.

ENGL 51, Literature of the Bible: Old Testament **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course provides an analytical and critical study of the Old Testament of the Bible, focusing on its component genres and literary qualities. Attention is given to how Biblical literature has been and can be interpreted, studied, and used. Representative types of Biblical literature are examined.

English 51 is the same course as Religious Studies 51. Students may receive credit for one, but not both.

ENGL 52, Literature of the Bible: New Testament **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course introduces the students to the variety and wealth of literature contained in the New Testament. Attention is given to the ways in which Biblical literature has been and can be interpreted, studied, and used. The various types of literature in the Bible are set forth and representative pages of each of these types are presented and examined.

English 52 is the same course as Religious Studies 52. Students may receive credit for one but not both.

ENGL 53, Latino Literature in the United States **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course explores literature by Latino American writers whose primary purpose is to view life in the United States through the perspective of the Latino community. Through fiction, non-fiction, poetry, theater, and film, students study such topics as history, identity, culture, sexuality, and socio-political aspects of the ever-changing U.S. Latino community. The course studies the ways in which Latino Americans writing has been part of the fabric that is the United States, from the indigenous cultures of Mesoamerica through the turbulent 1960s in the U.S. and into the present, from Mexico, South and Central America, the Caribbean, New York to Los Angeles.

ENGL 54, Native American Literature **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

Selected poems, short stories, novels, tribal tales, speeches, and memoirs of Native Americans will be examined to deepen the student's understanding of the experiences and perspectives of native peoples in American and native cultures.

ENGL 55, Modern Drama **3 units**

Transfer: UC, CSU
IGETC AREA 3A (Arts) or 3B (Humanities)

- Prerequisite: English 1.

Formerly same course as Theatre Arts 7.

This course surveys the work of the great modern dramatists, from Henrik Ibsen ("The Father of Modern Drama") through Edward Albee.

ENGL 56, 20th Century European Literature **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

As a study of the 20th Century novel, this course includes the English novel and the European novel in translation.

ENGL 57, Latin-American Literature **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course surveys 20th Century Latin-American literature. The poetry section begins with Dario and modernismo (1888-1910), postmodernismo (1910-1918) and vanguardismo (1918-1938): Neruda, Vallejo, Huidobro, Mistral, and Paz, among others, and concludes with post-vanguardismo: Afro-Caribbean and other post-war poetic currents. Prose fiction will begin with realismo or criollismo (1880s-1930s), but will focus on the post-1940s, when Latin-American prose begins to enjoy international renown: Borges, Carpentier and Asturias, precursors to the "boom," then Fuentes, Sabato, Vargas Llosa, Donoso, Cortazar, and Garcia Marquez, whose works popularized "magic realism." The course will conclude with contemporary writers, such as Cabrera Infante, Allende, and Puig.

ENGL 58, Literature of Mexico **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course surveys Mexican literature. It deals with pre-Columbian Aztec and Mayan writing, poetry from the colonial and independence periods, and nineteenth century romanticism, but will emphasize twentieth century literature as it evolves through Modernismo (1888-1912), Postmodernismo (1912-1918), Vanguardismo (1918-1938), and Postvanguardismo (1940s-1970s): Sor Juana Inez de la Cruz, Nervo, Velarde, Reyes, Pellicer, Paz, Castellanos, Sabines, and Pacheco, among other poets. The prose fiction section will begin with Azuela's 1915 novel of the revolution, but will focus on post-1940s writers: Rulfo, Arreola, Fuentes, and Paz. Contemporary poets and writers (1970s-present) will complete the course.

ENGL 59, Lesbian and Gay Literature **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course is an introduction to Lesbian and Gay literature from the Greeks to the present. We will examine literary representations of same-sex relationships through close readings of poetry, plays, essays, and novels that center same-sex attraction. We will also examine the socio-historical contexts that shape both the relationships and the representations.

**ENGL 60, English Seminar
(Science/Speculative Fiction)****3 units**

Transfer: *CSU

- Prerequisite: English 2.

This course allows students to study intensively, areas covered cursorily, if at all, in standard literature or composition classes. Students will explore primary works, source materials, and criticism in a seminar topic, giving oral presentations and writing critical analysis. Although the course is of particular importance for English majors, non-majors are also encouraged to take the course.

**UC transfer credit is contingent upon evaluation after transfer of the course by a UC campus. This course should not be used toward calculation of the minimum 60 units needed for admission to UC.*

ENGL 61, Introduction to the Fairy Tale**3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

This course is a survey of the history, scholarship, and transformations of the fairy tale. The course includes a thematic approach to the first fairy tale collections, examination of notable criticism, and a review of modern reinventions in literature, film, and new media.

ENGL 62, Crime Fiction in a Global Context**3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: English 1.

This course surveys modern crime fiction (both short stories and novels) from around the world published after World War II. The novels and stories in this genre are both works of literature and cultural artifacts that provide a significant insight into the ethical, social, and political ethos of the country. The course, therefore, will study the dual identity of these novels and short stories: as literary works and cultural artifacts. Works from three of the following countries will be studied (in English translation): Japan, Sweden, the United States, and Nigeria. Students will compare adaptations of the crime fiction genre and the ways in which crime and social justice resonate in these cultures.

ENGL 64, Graphic Literature**3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: ENGL 1.

Graphic literature, also referred to as sequential art or graphic fiction, is one of the world's great storytelling media. Students will explore its rich history, and consider its evolution from its comic book origins into a multi-faceted international genre. Graphic literature is — in the words of author and artist Eddie Campbell — “an emerging new literature of our times in which word, picture, and typography interact meaningfully and which is in tune with the complexity of modern life.” Students will learn how to read graphic literature, talk about what makes it powerful or effective, and explore a variety of critical approaches to visual storytelling as both a medium of communication and a unique form of literary art.

English – Noncredit

The following courses are noncredit and free. They do NOT carry academic credit.

ENGL 990, English Acceleration Support**0 units**

This course is designed for students to enhance and improve their skills to promote success in college-level composition and reading. It consists of instruction in composition and the comprehension and analysis of readings. It also includes discussion, in-class writing, and a review of English grammar and usage.

English Skills

Courses below are open to English Placement Group C students. Assessment is required to determine class placement. See smc.edu/successcenter. Group C course units may not be applied toward an Associate degree.

ENGL 80, Reading Laboratory**3 units**

- Prerequisite: None.

This course is designed for students with below-average reading skills. The course provides a comprehensive laboratory approach to developmental reading. It is addressed primarily to students who need long-term individualized work in reading. Following assessment, an educational plan and learning objectives will be designed for each student. Emphasis will be placed on word attack skills and comprehension. English 80 is offered Pass/No Pass.

ENGL 81A, Paragraphs to Essays**3 units**

- Prerequisite: None.

Corequisite: English 83A or English 80.

The principal objective of this course is to improve students' prewriting and writing skills. These skills involve sentence structure as well as the organized combination of sentences into paragraphs and basic essays. The class features a scheduled group lab of two hours per week. Other areas covered include parts of speech, parts of the sentence, sentence patterns, basic sentence errors, and expansion of the paragraph to the basic essay.

ENGL 81B, The Basic Essay – Plus**3 units**

- Prerequisite: English 81A.

Corequisite: English 83B.

English 81B reinforces and continues the writing effort begun in English 81A. In class and lab formats, 81B stresses the skills necessary to write basic three paragraph essays and short summaries. Sentence skills are reviewed and expanded.

ENGL 83A, Reading and Vocabulary I**3 units**

- Prerequisite: None.

Corequisite: English 81A.

This course is designed to improve the basic reading skills necessary for college success. It is to develop reading comprehension by stressing comprehension, listening, word-attack skills, and patterns of organization. It also helps the student discover techniques for life-long vocabulary expansion with emphasis on a more skillful use of sentence clues. Students also learn study and test-taking skills. The course requires classroom work, lab work, and homework.

ENGL 83B, Reading and Vocabulary II 3 units

- Prerequisite: English 83A.

Corequisite: English 81B.

This course is for students who have earned credit in English 83A, but who need further development in vocabulary and comprehension skills, especially using context clues, drawing inferences, and distinguishing between fact and opinion. In addition, students focus on monitoring their reading, strengthening time management based on the evaluation of their performance in English 83A, and improving study-reading techniques, such as mapping.

ENGL 84R, Reading and Vocabulary III 3 units

- Prerequisite: English 83B.

Corequisite: English 84W.

English 84R is for students who have earned credit for English 83A but who need further development in reading comprehension, rate and vocabulary. English 84R serves as a bridge to English 23. The course focuses on (1) analytical skills (how to find the main idea and patterns of organization); (2) inferential skills; (3) critical reading (telling fact from opinion, evaluating writer's message and purpose); (4) textbook reading (reading graphic aids, underlining, outlining, mapping, and summarizing).

ENGL 84W, The Basic College Essay 3 units

- Prerequisite: Credit in English 81B or English 85.

English 84W focuses upon the basic college essay and the prewriting techniques useful in its creation. Varieties of essays are studied as well as those sentence skills that aim to locate and correct major sentence errors. This class features a scheduled group lab of one hour per week.

ENGL 85, Reading and Writing 1 5 units

- Prerequisite: None.

This course is designed to improve basic reading and writing skills necessary for college success. Students will develop reading comprehension, vocabulary, patterns of organization, and inferential techniques, and employ these skills in the prewriting and writing process. The integration of reading and writing enables students to apply what they have read to the writing process, starting with the paragraph and expanding to the basic essay. The course requires classroom work, lab work and homework. English 85 is offered as a credit/no credit class.

ESL – English as a Second Language

English for Second Language Speakers courses are designed specifically for students whose first language is not English. SMC offers three different ESL programs: 1) Credit ESL courses focus on academic skills needed for success in college (reading textbooks, listening and notetaking, writing papers with citations, speaking in class in small groups, and making presentations). Faculty assist students in the development of grammar, vocabulary, paraphrasing, and summarizing skills within the context of themes or academic content. ESL 19A and 19B are CSU and UC transferable (up to 8 units). 2) Noncredit ESL courses focus on college and career readiness and developing the skills needed for life and work in the US. Noncredit ESL courses are free to students, except those studying on an F-1 visa. These courses do not carry any academic credit. 3) Intensive ESL (offered

through SMC's Community Services Program in conjunction with International Education) offers multi-skills courses to prepare international students for entry to Santa Monica College. Student work is graded, but courses in the Intensive ESL Program do not receive academic credit. These courses are offered for a fee.

ESL 10G, Multiple Skills Preparation: Listening, Speaking, and Grammar 6 units

- Prerequisite: None.

Formerly ESL 10.

ESL 10G is a low-intermediate multi-skills course designed to improve the English language skills of non-native speakers. This course concentrates on listening, speaking, and grammar.

Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements. It is recommended that students take this course concurrently with ESL 10W.

ESL 10W, Multiple Skills Preparation: Reading and Writing 6 units

- Prerequisite: None.

Formerly ESL 10.

ESL 10W is a low-intermediate multi-skills course designed to improve the English language skills of non-native speakers. This course concentrates on reading, writing, and computer assisted language learning (CALL).

Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements. It is recommended that you take this course concurrently with ESL 10G.

ESL 11A, Basic English 1 6 units

- Prerequisite: ESL 10G and 10W or Group C on the ESL Placement Assessment.

Students who receive a final grade of "C" in ESL 10G or 10W should enroll in support courses (ESL 14A/B, 15, 16A/B/C, 17) before taking ESL 11A or concurrently with ESL 11A.

ESL 11A is an intermediate, multi-skills course with an emphasis on paragraph writing for non-native speakers of English who have completed ESL 10G and ESL 10W or score at Level C on the SMC Placement Assessment.

ESL 14A, Pronunciation and Spelling: Vowel and Consonant Sounds 2 units

- Skills Advisory: ESL 10W It is highly recommended that students in ESL 14A have already completed ESL 10W or have tested into the ESL 11A level. ESL 10G It is highly recommended that students in ESL 14A have already completed ESL 10G or have tested into the ESL 11A level.

This course offers the study and practice of the vowel and consonant sounds that are basic to North American pronunciation and speech style, and it emphasizes listening skills, auditory discrimination, and production of these sounds. It also introduces the spelling patterns in relationship to the vowel and consonant sounds. This course is appropriate for students at the ESL 11A level or higher.

ESL 14B, Pronunciation: Rhythm and Intonation 3 units

- Prerequisite: ESL 10G and ESL 10W or placement in ESL 11A.

This course is designed to help ESL students communicate more effectively by learning the rhythm and intonation patterns of standard North American English. The course

includes a brief review of all vowel sounds and specific consonants

ESL 15, Conversation and Culture in the U.S. 3 units

- Prerequisite: Group “C” on the English placement exam or successful completion of ESL 10G and 10W.

This speaking/listening course for group “A”, “B”, and “C” level non-native speakers of English examines the cross cultural differences that affect communication. It prepares students to understand and speak English more clearly and fluently in pairs, groups, class discussions, interviews, panels, and speeches. Conversation techniques, vocabulary acquisition, and reading, critical thinking, and problem-solving skills are emphasized.

ESL 16A, The Noun System and Articles 1 unit

- Prerequisite: ESL 10G and ESL 10W with a grade of C or better.

This course helps non-native speakers of English to communicate effectively using the noun system (count, non-count, proper, common, singular, plural), modifiers and quantifiers (possessives; determiners: this, that, these, those), and articles (a, an, the). The course also helps students use correct subject-verb agreement.

**Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements. concurrent enrollment in ESL 11A or ESL 19A is recommended; however, this course is open to students whose assessment results are B or A.*

ESL 16B, Using Verb Tenses 1 unit

- Prerequisite: ESL 10G and ESL 10W.

Concurrent enrollment in ESL 11A or ESL 19A is recommended; however this course is open to students who place at the A or B level.

This course helps non-native speakers of English to communicate effectively using verb forms including: present, past, future, perfects, passives, conditionals, and modals.

**Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements.*

ESL 16C, Sentence Structure and Punctuation 1 unit

- Prerequisite: ESL 10G and ESL 10W.

Concurrent enrollment in ESL 11A or ESL 19A is recommended.

This course helps students whose first language is not English to construct grammatically correct sentences using appropriate punctuation. Students will learn to combine sentence elements (clauses and phrases) to produce effective sentences.

Please note: Concurrent enrollment in ESL 11A or 19A is recommended; however, this course is open to students whose placement assessment results are Group B or A.

ESL 17, Intermediate Reading Skills 3 units

- Prerequisite: ESL 10G and ESL 10W or Group C on the ESL Placement Exam.

This course is designed for intermediate students who want to improve their reading skills. Students will improve their reading comprehension and critical thinking skills by learning strategies such as previewing, skimming, scanning, and making inferences. They will learn how to identify main ideas and details and an author’s purpose and tone. They will analyze passages from fiction and non-fiction. Students

are encouraged to take ESL 17 concurrently with ESL 11A or 19A.

ESL 19A, English Fundamentals 1 4 units

Transfer: UC, CSU

- Prerequisite: English as a Second Language 11A or multiple measures placement.

**ESL19A, 19B, and 25 combined: maximum credit, 8 units.*

This course is an intermediate contextualized writing course for non-native speakers, emphasizing paragraph development and essay construction, editing of grammar and mechanical errors, reading, and critical thinking. ESL 19A is the first part of the ESL19A/B sequence.

ESL 19B, English Fundamentals 2 4 units

Transfer: UC, CSU

- Prerequisite: English as a Second Language 19A.

Formerly English as a Second Language 21B.

This course is the second part of the ESL 19A/B sequence, for non-native speakers. It continues the emphasis on essay writing, editing of grammar and mechanical errors, reading, and critical thinking.

ESL 20A, Advanced Grammar Workshop 3 units

- Skills Advisory: ESL 11A or ESL 19A, ESL 19B, or assessment placement in ESL or English Groups A or B.

This course is designed to increase a student’s grammar and sentence-writing skill. Students will recognize and employ the sophisticated language necessary for successful completion of ESL 19A and ESL 19B. Concurrent enrollment in this course is highly recommended for success in ESL 19A and ESL 19B.

ESL 20B, Advanced Grammar and Editing 3 units

- Skills Advisory: ESL 11A or ESL 19A or assessment placement in ESL or English Groups A or B.

This is an advanced grammar course designed to improve a student’s syntax and editing proficiency. Concurrent enrollment in this course is highly recommended for success in ESL 19A and ESL 19B.

ESL 23, Academic Reading and Study Skills 3 units

- Skills Advisory: ESL 11A or ESL 11B or assessment placement in ESL or English Groups A or B.

This course is a high intermediate to advanced course designed for students seeking to improve their reading and study skills. It concentrates on helping students improve reading comprehension, reading rate and flexibility, study skills, and note taking. Students are encouraged to enroll in ESL 23 concurrently with ESL 20A, 20B, 21A and/or 21B.

**Course credit may not be applied toward satisfaction of Associate in Arts Degree requirements.*

ESL 28, Academic Vocabulary Skills 3 units

- Skills Advisory: ESL 11A, ESL 19A, OR ESL 19B, or assessment placement in ESL or English Groups A or B.

This course is designed for students who wish to develop their techniques for understanding academic vocabulary and using English words idiomatically. It emphasizes context and usage of vocabulary from the Academic Word List (Coxhead 2000). Students will learn to comprehend and use approximately 200 words from the AWL to improve their reading comprehension, speaking, listening, and writing skills for academic success. It is designed for students at the 19A or 19B level or students who have placed in Group

ESL COURSE SEQUENCE

Core Courses

Optional Support Courses

Support courses below are recommended but not required. They can be taken in any order or concurrently with core courses within the same group.

GROUP A

ENGLISH 1
Reading and Composition 1 (3 units)

Any Support Course

GROUP B

ESL 19B
English Fundamentals 2 (4 units)

Reading and Vocabulary

Grammar and Editing

ESL 28
Academic Vocabulary Skills (3 units)

ESL 20B
Advanced Grammar Workshop 2 (3 units)

ESL 19A
English Fundamentals 1 (4 units)

ESL 23
Academic Reading and Study Skills (3 units)

ESL 20A
Advanced Grammar Workshop 1 (3 units)

GROUP C

ESL 11A
Basic English 1 (6 units)

Reading, Vocabulary, Speaking and Listening

Grammar and Editing

ESL 17
Intermediate Reading Skills (3 units)

ESL 16C
Sentence Structure and Punctuation (1 unit)

ESL 15
Conversation and Culture in the U.S. (3 units)

ESL 16B
Using Verb Tenses (1 unit)

ESL 14B
Pronunciation: Rhythm and Intonation (3 units)

ESL 16A
Noun System and Articles (1 unit)

ESL 14A
Pronunciation and Spelling (2 units)

ESL 10G & ESL 10W
Multiple Skills Preparation (6 units each)

Course Descriptions

B on the ESL Placement Exam. Students are encouraged to enroll in ESL 28 concurrently with ESL 20A, 20B, ESL 19A and/or 19B.

ESL – Noncredit

The following courses are noncredit and free. They do NOT carry academic credit.

ESL 901, English as a Second Language Level 1 0 units

This low-beginning, multi-skills course is designed to improve the English language skills of non-native speakers. The course focuses on listening, speaking, reading, and writing. The skills taught in this course prepare students to transition to post-secondary education and to function effectively as community members, parents, and participants in the workforce.

ESL 902, English as a Second Language Level 2 0 units

- Skills Advisory: ESL 901.

This high-beginning, multi-skills course is designed to improve the English language skills of non-native speakers. The course focuses on listening, speaking, reading, and writing. The skills taught in this course prepare students to transition to post-secondary education and to function effectively as community members, parents, and participants in the workforce.

ESL 903, English as a Second Language Level 3 0 units

- Skills Advisory: ESL 902.

This low-intermediate, multi-skills course is designed to improve the English language skills of non-native speakers. The course focuses on listening, speaking, reading, and writing. The skills taught in this course prepare students to transition to post-secondary education and to function effectively as community members, parents, and participants in the workforce.

ESL 904, English as a Second Language Level 4 0 units

- Skills Advisory: ESL 903.

This high-intermediate, multi-skills course is designed to improve the English language skills of non-native speakers. The course focuses on listening, speaking, reading, and writing. The skills taught in this course prepare students to transition to post-secondary education and to function effectively as community members, parents, and participants in the workforce.

ESL 905, English as a Second Language Level 5 0 units

- Skills Advisory: ESL 904.

This low-advanced, multi-skills course is designed to improve the English language skills of non-native speakers. The course focuses on listening, speaking, reading, and writing. The skills taught in this course prepare students to transition to post-secondary education and to function effectively as community members, parents, and participants in the workforce.

ESL 906, English as a Second Language Level 6 0 units

- Skills Advisory: ESL 905.

This high-advanced multi-skills course is designed to improve the English language skills of non-native speakers. The course focuses on listening, speaking, reading, and writing. The skills taught in this course prepare students to transition to post-secondary education and to function effectively as community members, parents, and participants in the workforce.

ESL 911, Beginning Listening and Speaking 0 units

In this course, beginning ESL students focus on developing listening and speaking skills needed to communicate effectively in social, work, and academic contexts.

ESL 913, Intermediate Listening and Speaking 0 units

In this intermediate ESL course, students focus on developing listening and speaking skills needed to communicate effectively in social, work, and academic contexts.

ESL 915, Advanced Listening and Speaking 0 units

In this advanced ESL course, students focus on developing listening and speaking skills needed to communicate effectively in social, work, and academic contexts.

ESL 961, Beginning Reading and Writing 0 units

This course is designed for the beginning ESL student. Students at this level will focus on developing their reading, vocabulary, and writing skills for success at work, school, and in the community. Students in this class learn to read a variety of texts and to write short notes and emails.

ESL 963, Intermediate Reading and Writing 0 units

This course is designed for the intermediate ESL student. The course focuses on improving vocabulary, reading and writing skills for success at work, school, and in the community. Students learn to read a variety of informational texts and to write paragraphs for a range of purposes.

ESL 965, Advanced Reading and Writing 0 units

This course is designed for the advanced ESL student. The course focuses on improving vocabulary, reading and writing skills for success at work, school, and in the community. Students learn to read a variety of informational texts and to write multi-paragraph compositions.

ESL 971, Beginning ESL Vocabulary 0 units

In this beginning ESL course, students engage in listening, speaking, reading, and writing activities that focus on developing vocabulary needed to function effectively in social, work, and academic contexts. Students in this course are introduced to basic word learning skills and study skills.

ESL 973, Intermediate ESL Vocabulary 0 units

In this intermediate ESL course, students engage in listening, speaking, reading, and writing activities that focus on acquiring vocabulary needed for social, work, and academic contexts. Students in this course expand their English language vocabulary while developing word learning and study strategies.

ESL 975, Advanced ESL Vocabulary 0 units

In this advanced ESL course, students engage in listening, speaking, reading, and writing activities that focus on acquiring vocabulary needed to communicate effectively in

social, work, and academic contexts. Students in this course expand their English language vocabulary while developing independent word learning and study strategies.

ESL 980, ESL US Citizenship Test Preparation 0 units

This course prepares students to pass all three parts of the US Citizenship Test: 1) English Reading and Writing, 2) Civics and History, 3) Personal Questions.

ESL 994, ESL for College and Career Pathways – Introduction 0 units

This high intermediate/advanced ESL course introduces English language speaking, writing, listening, reading, vocabulary, and study skills as related to specific academic and career pathways. Students in this course are introduced to critical thinking, teamwork, cultural awareness and autonomous learning strategies that are transferable to college and career pathways.

ESL 995, ESL for College and Career Pathways – Effective Communication 0 units

This high intermediate/advanced ESL course focuses on English language speaking, writing, listening, reading, vocabulary and study skills as related to specific academic and career pathways. Students produce written work and oral presentations relevant to their field as they apply critical thinking, cultural awareness, and autonomous learning strategies that are transferable to college and career pathways.

Students are recommended to complete ESL 994 prior to taking this course.

Entertainment Technology

The Entertainment Technology programs prepare students for careers in rapidly evolving design and media fields through comprehensive, hands-on training. To learn more, please see the Animation and Digital Media Post-Production sections of the Schedule of Classes or visit smc.edu/design-tech.

ET 88A, Independent Studies in Entertainment Technology 1 unit

Transfer: CSU

Please see “Independent Studies” section.

ET 88B, Independent Studies in Entertainment Technology 2 units

Please see “Independent Studies” section.

ET 88C, Independent Studies in Entertainment Technology 3 units

Transfer: CSU

Please see “Independent Studies” section.

ET 90A, Internship 1 unit

Transfer: CSU

Please see “Internships” section.

ET 90B, Internship 2 units

Transfer: CSU

Please see “Internships” section.

ET 90C, Internship 3 units

Transfer: CSU

Please see “Internships” section.

Environmental Studies

The Environmental Studies Program is an interdisciplinary and multidisciplinary course of study that presents a broad overview of ecological issues from a variety of perspectives. The coursework examines the interplay between natural and social systems, and the ideological foundations of humankind’s attitudes and behaviors with respect to their ever-changing environments. This program is designed to prepare students to research, analyze, and propose solutions to the myriad environmental challenges facing the world today.

ENVRN 4, Environmental Economics 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: MATH 31 or MATH 50 and Eligibility for English 1.

This course emphasizes the application of economic theory to environmental issues and resource allocation. It evaluates the potential role of government in implementing environmental policy to solve issues related to market failure. It also explores the ecological approach to environmental issues, connecting economic systems with natural ecosystems.

Environmental Studies 4 is the same course as Economics 4. Students may earn credit for one but not both

ENVRN 7, Introduction to Environmental Studies 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This introductory course will use an interdisciplinary approach to provide students with a broad perspective on environmental problems and solutions. Students will be introduced to the strategies used by scientists, economists, political analysts, and other writers and researchers to investigate and analyze environmental and urban issues, human/nature relationships, natural and built environments, and environmental citizenship.

Environmental Studies 7 is the same course as Geography 7. Students may earn credit for one, but not both.

ENVRN 14, U.S. Environmental History 3 units

Transfer: UC, CSU

IGETC Area 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys environmental history of the United States from earliest human migration to the present, focusing on the complex and consequential ways people have perceived, relied on, interacted with, and been impacted by the natural world. Topics include diverse patterns of interaction with land, water, plants, animals, and energy

sources, as well as the economic, political, social, cultural, technological and global aspects of these patterns.

Environmental Studies 14 is the same course as History 14. Students may earn credit for one, but not both.

ENVRN 20, Environmental Ethics **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces the field of environmental ethics with an emphasis on global environmental problems and global citizenship. The conceptual foundations of environmental attitudes and values are examined through an historical survey of philosophies of nature and human/nature relations. Ethical theories are presented and used to analyze contemporary environmental problems, e.g. mistreatment of animals, pollution, climate change, species extinction, natural resource depletion, environmental racism etc. The ethical assumptions underlying various national and international responses to environmental problems will be analyzed and evaluated.

Environmental Studies 20 is the same course as Philosophy 20. Students may earn credit for one but not both.

ENVRN 22, Environmental Politics and Policies **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course examines environmental politics, including, but not limited to the issues of population, natural resource use, habitat loss, global climate change and pollution. The political, economic, and social origins of environmental change and degradation are examined, as well as democratic, bureaucratic and market-based solutions to environmental problems advocated by environmental movements, interest groups and political parties. Arguments for best public policy responses to a range of environmental problems will be assessed and debated. The course offers a practical problem-solving approach which includes local, state, national and global environmental politics. Course content focuses primarily on political concepts, such as sustainable development and ecological democracy, and on the relations between a range of contemporary political values and the environmental policy recommendations of each. The course explores various perspectives on what it means to take political responsibility for reducing the human impact on the earth.

Environmental Studies 22 is the same course as Political Science 22. Students may earn credit for one, but not both.

ENVRN 32, Global Environmental History **3 units**

Transfer: UC, CSU

IGETC Area 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys global environmental history from early human evolution to the present, focusing on the complex and consequential ways people have perceived, relied on, interacted with and been impacted by the natural world.

Topics include the diverse patterns of interaction with land, water, plants, animals, and energy sources, as well as their economic, political, social, cultural, and technological aspects in the local, regional, and global context.

Environmental Studies 32 is the same course as History 32. Students may earn credit for one, but not both.

ENVRN 40, Environmental Psychology **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This course will focus on the theory and application of psychological principles as they relate to the causes of, and potential solutions to, current global environmental problems. Modern ecological issues (such as global climate change, habitat-loss, etc.) have their historical origin in human behavior; this class will focus both on relevant causal behaviors, and on the mental mechanisms that give rise to such behavior. An evolutionary perspective will be employed to identify the pathways by which the clash of a "universal human nature" and the modern environment results in an "evolutionary mismatch." Evolutionary models such as the "tragedy of the commons" will be elucidated with relevant and real world examples. In addition, the course will explore potential avenues to effectively reshape human kind's social, technological and economic relationship with its environment. As such, a systems approach will be taken that considers the human as a part of, as well as an influence on, ecosystems. Cutting edge research will be integrated from different domains of psychology (cognitive, social, developmental and evolutionary, etc.) as well as related fields (genetics, behavioral economics, game-theory, anthropology, etc.) to comprehensively study the human-environment interaction.

Environmental Studies 40 is the same course as Psychology 40. Students may earn credit for one but not both.

Ethnic Studies

Ethnic Studies is the interdisciplinary critical and comparative study of race and ethnicity, focusing on the experiences of African American, Native American/Indigenous, Asian American/Pacific Islander, and Chicana/o/x/Latina/o/x populations. Ethnic Studies provides an intersectional and critical lens for studying racial, ethnic, gender and class identities, and for interrogating structural racism, power, knowledge, and racialization in culture, politics, economy, and law. Drawing from the intellectual traditions of BIPOC (Black, Indigenous, People of Color) communities, students of Ethnic Studies attain an understanding of the historical legacies and contemporary manifestations of racism, discrimination, inequity, and movements for social justice. Through culturally responsive pedagogy, students of Ethnic Studies gain cultural competency and are exposed to perspectives and methods informed by a deep commitment to social justice, cross-cultural collaboration, liberation from systems of oppression, and social and institutional transformation.

ETH ST 1, Introduction to Ethnic Studies **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Ethnic Studies is the critical and interdisciplinary study of race, ethnicity, and indigeneity with a focus on the experiences and perspectives of Native Americans, African Americans, Asian Americans, Latina/o/x Americans, and other people of color within and beyond the United States. This course explores key theories, scholarly works, and ideas that have formed the basis of the broad multidisciplinary field of Ethnic Studies. Various perspectives are examined to discover the ways in which race and racism have been, and continue to be, powerful social, cultural and political forces, and their connections to other axes of stratification including gender, class, sexuality and legal status. This course examines the effects of institutional racism, coloniality, marginalization, socio-economic and political discrimination, and ethnocentrism on American ethnic and racial groups.

Fashion Design and Merchandising

Fashion design students develop skills in design communication, including preliminary sketching, technical flat sketching, illustration, and usage of Adobe Photoshop, Illustrator and CAD software. Skills in draping, pattern drafting from draping and body measurements, and basic sewing skills to advanced construction are developed in order to create sample garments for production and sales. Fashion merchandisers select, purchase, promote, and sell clothing and accessories. They study fashion trends and visit manufacturers and merchandise markets. They work as part of a team and consult with managers and buyers, advise the advertising and display departments, and organize and coordinate promotional activities such as fashion shows. They may advance to become buyers and purchasing agents, sales representatives, and managers. Clothes designers create new apparel and accessory designs. They may sketch the garment, cut the pattern, select the fabric and materials, and in some cases construct the sample garment. They may arrange for the showing of a line at sales meetings or fashion shows.

FASHN 1, Introduction to the Fashion Industry 3 units

Transfer: CSU

- Prerequisite: None.

This course is designed to serve both students of fashion design and fashion merchandising in preparing them to become familiar with the nature of fashion design and its components and to understand how environmental factors influence the style, color, texture, and design of garments. Fashion materials, theories of fashion adoption, sources of design inspiration, and manufacturing a garment will be discussed.

FASHN 2, Color Analysis 3 units

Transfer: CSU

- Prerequisite: None.

This course is an exploration of color theory and elements of design with emphasis on the expertise of color mixing and creative color combinations. Theory is applied to textile, fashion design, and fashion merchandising.

FASHN 3, Apparel Construction 3 units

Transfer: CSU

- Prerequisite: None.

This course is an introduction to basic sewing techniques of costume and manufacturing apparel and provides familiarization with the tools used in the fashion industry. Development of fundamental skills and terminology of clothing construction. Emphasis is on interrelationship of fabric, fiber, design and construction techniques. This course is required of all Fashion Design and Merchandising majors.

FASHN 5, Fashion Buying 3 units

Transfer: CSU

- Prerequisite: None.

This is an introductory course in fashion buying to acquaint the students with the life of a buyer that includes considerations and practices of an executive or middle manager. The buyer's position includes responsibilities such as making evaluations and maintaining standards that are complete and constant. This course will also present an awareness of quality effect of stocking merchandise and knowing and effectively practicing what to buy, when to buy, and how much to buy.

FASHN 6A, Pattern Drafting and Design 2 units

Transfer: CSU

- Advisory: FASHN 3.

This course is a study of the basic pattern drafting techniques of the apparel industry and the transfer of a design to a flat pattern. Students learn to design and make their own patterns.

FASHN 6B, Pattern Drafting and Design Intermediate 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 6A.

This course is a continuation of Fashion 6A with emphasis on more advanced and complex design creations in harmony with the current trends.

FASHN 7, Fashion Textiles 3 units

Transfer: UC, CSU

A detailed study of textiles from fiber to finished fabric is covered in this course including identifications of fiber types, construction, printing, dyeing, and finishes of natural/man-made fabrics. Emphasis is on fabric design, principles of patterns, and methods of textile decoration.

FASHN 8, History of Fashion Design 3 units

Transfer: CSU

- Prerequisite: None.

This survey of fashion of the Western world introduces historic dress as an inspiration and a design resource for students of fashion design and fashion buying and merchandising. The evolution silhouette and the cut and construction of men's and women's garments are analyzed using slides of paintings, drawings, sculpture and historic costume. Contemporary examples in fashion are compared to their historic sources.

FASHN 9A, Introduction to Fashion Illustration 3 units

Transfer: CSU

- Prerequisite: None.

This course will give students skill in drawing fashion figures and deals with contemporary idealized proportions used for fashion today for both fashion design and fashion merchandising. Students will develop individual style in their presentation, and learn to use their drawing as a means of communicating their ideas and designs.

FASHN 9B, Advanced Fashion Illustration and Advertising 2 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 2 and 9A.

This course provides the student with advanced techniques used to illustrate fashion and is for students of fashion design or fashion merchandising. Techniques are taught that are used for quick and realistic sketching and rendering with water color to illustrate various designs and textures.

FASHN 10, Advanced Design and Construction 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 3.

Emphasis on unique and creative designs with manipulation of appropriate and more difficult fabrics. Students will gain more confidence and speed in their design developments, pattern making and construction.

FASHN 11, Advanced Clothing – Tailoring 2 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 3.

This course explores traditional and contemporary tailoring techniques as applied to the design and construction of men's and women's coats, suits, jackets and other tailored garments. It includes a study of the ready-to-wear and retail clothing fields, with emphasis on the individual as a consumer of tailored garments.

FASHN 12, Fashion Show Production 3 units

Transfer: CSU

- Skills Advisory: Fashion 6A or 13.

This course is designed to give students of Fashion Design and Fashion Merchandising the opportunity to learn how to plan and develop a Fashion Show.

FASHN 13, Draping I 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 6A.

This course covers the principles of draping and the ability to develop a pattern in three-dimensional form, opening new ways of designing and creating and recognizing the qualities of a well-designed garment.

FASHN 14, Draping II 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 13.

This course is a continuation of Fashion 13 and deals with more complex and original designs for draping. Students will learn how to analyze and interpret complicated designs

by means of draping and gain enough experience and speed to create and develop more advanced designs.

FASHN 15, Ethnic Fashion 3 units

Transfer: CSU

Apparel worn as national dress by people all over the world is surveyed. The origins and functions of clothing in different cultures are examined. Creative designing is inspired by ethnic costumes.

FASHN 16, Pattern Grading 2 units

Transfer: CSU

- Skills Advisory: Fashion 6A or 9.

Grading is the process of proportionally increasing or decreasing the production pieces according to set measurements for each clothing classification (Women's Junior Petite, Junior, Misses, Half-sizes). This is done without changing or losing the style proportions which are part of the design concept while still retaining the original lines and style of the garment. Students are introduced to and become familiar with a computer program used for grading in the fashion industry, and with the logic and rules that apply to pattern grading.

FASHN 17, Apparel Collection Design and Production 3 units

Transfer: CSU

- Advisory: FASHN 6A and FASHN 13.

This course will provide industry-oriented application of design skill sets for developing apparel groups and a final collection ready for production. Costing and production methods, line organization, sourcing suitable fabrics, cost sheets, production patterns and sample making will be covered. One final collection will be produced for fashion show presentation.

FASHN 18, Computer Aided Fashion Design and Merchandising 2 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 1.

Computer-assisted applications are used as tools to design and create original and innovative work for fashion marketing or fashion design. This is an introductory course requiring basic computer skills.

Students will need access to a computer and the Adobe Creative Suite software.

FASHN 19, Fashion Marketing 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 1 and 5.

This course will provide students with an understanding of the psychology, sociology and cultural influences that affect consumer fashion purchasing behavior. The interaction of aspects of the fashion business, including planning, pricing, promotion and distribution, will be covered. Students will learn about how to reach targeted customers locally or globally, with accuracy of products, prices, promotions and channels of distribution.

FASHN 20, Fashion Styling and Visual Presentation **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Fashion 1.

This course involves the study and exploration of styling fashion visual presentations, including editorial, ad campaigns, and digital retail environmental display. Students will research promotion techniques and methodology used for window and catalog display, exhibitions, look books, and graphic collateral used in various market categories in order to create a styling concept portfolio.

FASHN 21, Digital Fashion Portfolio **2 units**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Fashion 9A or Fashion 18.

This advanced course addresses the skills necessary to produce a well-organized and thoroughly planned portfolio, both virtual and printed, to be presented on job interviews. Students will be expected to have completed a body of work, prior to taking this course, from which to build a portfolio.

Students should bring prior and current design projects for portfolio content.

FASHN 88A, Independent Studies in Fashion **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

FASHN 88B, Independent Studies in Fashion **2 units**

Transfer: CSU

Please see "Independent Studies" section.

FASHN 88C, Independent Studies in Fashion **3 units**

Transfer: CSU

Please see "Independent Studies" section.

FASHN 90A, Internship **1 unit**

Please see "Internships" section.

FASHN 90B, Internship **2 units**

Please see "Internships" section.

FASHN 90C, Internship **3 units**

Please see "Internships" section.

Film Studies

Film consists of two areas of concentration: Film Studies and Film Production. Film Studies introduces students to the history and development of cinema/film as an art, an object of philosophical study, and a cultural and social phenomenon. Students examine the theoretical approaches and trends in filmmaking including the contemporary evolution from film to digital media. Film Production provides practical as well as theoretical training in screenwriting, directing, creative producing, cinematography, sound recording, production design, and below-the-line crafts (gaffers, grips, operators, assistants). Students learn all aspects of film production from an academic discipline to hands-on experience that prepares them to earn an Associate degree and/or certificate of achievement in film production; for upper division study at a four-year college or advanced film school; and/or

to apply for jobs and internships in the motion picture and television industries.

FILM 1, Film Appreciation: Introduction to Cinema **3 units**

Transfer: UC, CSU

IGETC Area 3A (Arts)

- Skills Advisory: Eligibility for English 1.

Formerly Cinema 9.

This course will introduce the art, technology, language, and appreciation of film, exploring the varieties of film experience, film and the other arts, and the ways of viewing. Students will learn about the basic cinematic techniques and structures, including mise-en-scene and montage, use of cinematic time and space, the image, soundtrack, and the script. Consideration will also be given to analyzing the fundamentals of film production, directing, acting, and editing; how the elements of the production process are analyzed separately, then brought together to show how they create the emotional and intellectual impact of the film experience. Film examples will be screened in class.

This course is intended as a beginning course to introduce students to cinema.

FILM 2, History of Motion Pictures **3 units**

Transfer: UC, CSU

IGETC AREA 3A (Arts)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Cinema 1.

A broad survey is made of the history, theory, techniques, and development of motion pictures. The history of film as a major art form and its major artists, works, and styles are emphasized. Film examples are screened in class.

FILM 5, Film and Society **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Cinema 5.

This course presents motion pictures as reflections and influences of American society. Films are often selected from specific decades and analyzed as records of social attitudes shaping the present and past.

FILM 6, Women in Film **3 units**

Transfer: UC, CSU

IGETC AREA 3A and 3B (Arts and Humanities)

- Prerequisite: None.

Formerly Cinema 8.

This course is a historical study and survey of the multiple and varied images of women in film. Students will screen and analyze films over seven decades, beginning with the 1930s. Students will also read, discuss, and write about women's roles in these films. The focus is to analyze the representation of women in each film screened, to discuss how character roles have changed over time, and to examine occupation, dress, and rules of behavior.

FILM 7, American Cinema: Crossing Cultures **3 units**

Transfer: UC, CSU

Satisfies Global Citizenship

- Skills Advisory: Eligibility for English 1.

Formerly Cinema 7.

This course surveys American motion pictures that have been made by filmmakers representing three United States ethnic groups, including African Americans, Latino Americans, and Asian Americans. Students will also analyze Hollywood's treatment of those ethnic cultures throughout film history.

FILM 8, The Popular Film Genres 3 units

Transfer: UC, CSU

IGETC AREA 3A (Arts)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Cinema 2.

This introductory course surveys the development and artistic, social, and entertainment ingredients of basic film genres. Emphasis on such types as the science-fiction film, western, gangster film, crime and detective thriller ("film noir"), musical, comedy, or horror film.

FILM 9, The Great Film Makers 3 units

Transfer: UC, CSU

- Skills Advisory: Eligibility for English 1.

Formerly Cinema 4.

This course covers a limited number of film directors, writers, producers, and/or actors, examining their work in artistic, social, and historical terms. The course content and emphasis changes each term.

FILM 10, Film Criticism and Interpretation 3 units

Transfer: CSU

- Prerequisite: Film Studies 1, 2, 5, 6, 7, 8, or 9.
- Skills Advisory: Eligibility for English 1.

Formerly Cinema 10.

Using in-depth studies of a limited number of films and writings about films, this discussion and workshop course explores the various approaches to developing sound criticism and interpretation of motion pictures. It also introduces the student to the basic theories of film art and criticism.

FILM 11, Literature into Film 3 units

Transfer: UC, CSU

IGETC Area 3B

- Prerequisite: None.
- Advisory: English 1.

Formerly same course as English 11.

In this course, students will explore literary classics on screen, comparing the narrative dynamics of cinema and literature by comparing the text with the film. In so doing, students will gain an understanding of the text to film adaptation process, the expressive powers of each, and each medium's unique potentialities and deficiencies. Selected novels, short stories, plays, and nonfiction works will be examined as each evolves into film.

FILM 20, Beginning Scriptwriting 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: English 1.

Formerly Cinema 11A.

This course is designed to teach the student the basic tools of scriptwriting for film, television, or theater, focusing on the aesthetic and commercial demands of each medium.

FILM 21, Advanced Scriptwriting 3 units

Transfer: CSU

- Prerequisite: Film Studies 20.

Formerly Cinema 11B.

This course is designed to provide intermediate level training in skills required to create scripts for film, television, or theatre. Techniques of writing and marketing scripts are explored.

FILM 30, Production Planning for Film and Video 3 units

Transfer: CSU

- Advisory: Film Studies 20.

Formerly Cinema 3.

This course is designed for students who are interested in transforming a creative concept into a practical production plan. By viewing, discussing, and analyzing scripts, television, and film, students will learn skills necessary to start production of a film or video.

FILM 31, Introduction to Digital Filmmaking 3 units

Transfer: UC, CSU

- Prerequisite: None.

This is an introductory course covering both the basic techniques of digital filmmaking and of critical appreciation, while emphasizing students' personal and creative expression. Topics will include the theory and practice of visualization, the grammar of cinematic storytelling, the aesthetics of various film movements, camera technique, lighting, sound recording, directing, and other fundamentals related to learning the craft of digital filmmaking. Students will engage in critical appreciation and individual and group analysis of movies, as well as in filming exercises under the direct and continuous supervision of their instructor.

FILM 32, Intermediate Digital Filmmaking 3 units

Transfer: UC, CSU

- Prerequisite: Film Studies 31. Corequisite: Film 32L.

This course focuses on intermediate techniques of digital filmmaking and theoretical and critical rubrics, allowing the student to gain proficiency in producing, directing, cinematography, production design, sound recording, grip/electric, and editing. Students learn the roles and responsibilities of various facets of the filmmaking process during pre-production, production and post-production. Working with previously produced scenes written by industry professionals, students learn skills that include the visualization of the screenplay, script breakdown, preparation of shot lists, direction of actors, and the staging of action for the camera.

FILM 32L, Intermediate Digital Filmmaking Lab 1 unit

Transfer: CSU

Corequisite: Film 32.

This course focuses on intermediate techniques of digital filmmaking and theoretical and critical rubrics, allowing the student to gain proficiency in producing, directing, cinematography, production design, sound recording, grip/electric, and editing. Students learn the roles and responsibilities of various facets of the filmmaking process during pre-production, production and post-production. Working with previously produced scenes written by industry professionals, students learn skills that include the visualization of the screenplay, script breakdown, preparation of shot lists, direction of actors, and the staging of action for the camera.

FILM 33, Making the Short Film **3 units**

Transfer: UC, CSU

- Prerequisite: Film Studies 32. Corequisite: Film Studies 33L.

In this course, students go through the process of making a short narrative film together, emulating a professional working environment. Supervised by their instructor, students develop, pre-produce, rehearse, shoot, and edit scenes from an original screenplay that is filmed in its entirety in the lab component course (Film 33L) at the end of the semester.

FILM 33L, Making the Short Film Lab **2 units**

Transfer: CSU

Corequisite: Film 33.

In this course students will collectively develop and shoot one narrative short film throughout the semester. This course is the laboratory component for Film 33 and will parallel the lecture topics of that course.

FILM 34, Advanced Digital Filmmaking **3 units**

Transfer: UC, CSU

- Prerequisite: Film Studies 32. Corequisite: Film Studies 34L.

This course focuses on advanced techniques of digital filmmaking and theoretical and critical rubrics, allowing the student to gain increased proficiency in producing, directing, cinematography, production design, sound recording, grip/electric, and editing, while at the same time producing original content. Students hone their skills in various facets of the filmmaking process during pre-production, production and post-production. Working with original content that has not yet been produced and/or material written by themselves, students advance their skills in the visualization of the screenplay, script breakdown, preparation of shot lists, working with actors, and the staging of action for the camera.

FILM 34L, Advanced Digital Filmmaking Lab **1 unit**

Transfer: CSU

Corequisite: Film 34.

This is the laboratory component of Film 34. The laboratory projects will parallel the advanced filmmaking lecture topics taught in Film 34. The lab projects will foster advanced skills in producing, directing, cinematography, production design, sound recording, grip/electric, and editing. Students will produce elaborate and well-crafted original content based on narrative film scenes written by themselves or derived from scripts that have not yet been produced. These advanced projects will be filmed in their entirety in class, working in collaboration with all the students enrolled in the course.

FILM 40, Cinematography **3 units**

Transfer: UC, CSU

- Prerequisite: None.

In this hands-on course, students will delve into the art and craft of cinematography: the methods and techniques by which motion picture photography and lighting help give a film meaning and aesthetic purpose. Through lectures, demonstrations and exercises in a supervised classroom environment, students will learn to operate state-of-the-art digital and electronic equipment while applying the fundamental principles of lighting, composition, exposure, focus,

lens selection, and camera dynamics into purposeful visual storytelling.

FILM 50, Production Sound **3 units**

Transfer: CSU

- Prerequisite: None.

This course provides a practical in-depth study of the fundamental aspects of recording and mixing production sound for film and television. Subjects include: introduction to production sound equipment, location sound recording and mixing techniques, on-set sound assessment and troubleshooting, digital audio workstation basics, along with dialogue and ADR (automated dialogue replacement) recording and editing.

FILM 88A, Independent Studies in Film Studies **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

FILM 88B, Independent Studies in Film Studies **2 units**

Transfer: CSU

Please see "Independent Studies" section.

FILM 90A, Internship in Film Studies **1 unit**

Transfer: CSU

Please see "Internships" section.

FILM 90B, Internship in Film Studies **2 units**

Transfer: CSU

Please see "Internships" section.

Foreign Languages

SMC offers courses in American Sign Language, Arabic, Chinese (Mandarin), French, German, Hebrew, Italian, Japanese, Korean, Persian (Farsi), Portuguese, Russian, Spanish, and Turkish. Classes are listed under name of specific language.

French

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

FRENCH 1, Elementary French I **5 units**

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces the students to basic vocabulary and fundamental sentence structures in the present and past. Pronunciation, grammar and everyday vocabulary are stressed as indispensable tools for comprehension and expression. French customs, culture and everyday life are also highlighted. The course is taught in French except in cases of linguistic difficulty as determined by the professor.

FRENCH 2, Elementary French II **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: French 1*.

This course completes the basics of the language further stressing pronunciation, grammar and everyday vocabulary as indispensable tools for comprehension. It also includes simplified readings highlighting French customs, culture, and everyday life. This course is taught in French except in cases of linguistic difficulty as determined by the professor. **The advisory for this course is comparable to two years of high school French.*

FRENCH 3, Intermediate French I 5 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: French 2*.

This course reviews French grammar emphasizing idiomatic construction and expressions. Discussions are based on selected readings from contemporary French literature. The course is taught in French except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to three years of high school French.*

FRENCH 4, Intermediate French II 5 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: French 3*.

This course continues the review of functional French grammar with emphasis upon idiomatic constructions and expressions. Discussions are based on selected readings from contemporary French literature. This course is taught in French except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to four years of high school French.*

FRENCH 8, Conversational French 2 units

Transfer: UC, CSU

- Prerequisite: French 2*.

**The prerequisite for this course is comparable to three years of high school French.*

This course provides an opportunity to acquire fluency in spoken French with emphasis on natural, colloquial use. This course is taught in French unless in cases of linguistic difficulty as determined by the professor.

FRENCH 9, French Culture and Civilization 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Advisory: FRENCH 3.

This course traces the development of French culture from the French Revolution to the present. It examines the fundamentals of French culture including history, geography, politics, immigration, regional identity, education, literature and the arts, and religion. It also addresses the place of France within the European Union, and some challenges faced by Francophone countries. The course will be taught

in French except in cases of linguistic difficulty as determined by the professor.

FRENCH 20, Francophone Cultures through Films 3 units

Transfer: UC, CSU

Satisfies Global Citizenship

- Advisory: FRENCH 3.

The course examines the different cultures of the French-speaking world through the analysis of films. Students will not only learn some vocabulary pertinent to the analysis of films but they will also practice advanced conversation and study advanced grammar through written and spoken tasks. The films chosen for the course focus on the important issues that characterize the French-speaking world such as colonialism, diversity, immigration, and women's issues, among others. This course will be taught in French except in cases of linguistic difficulty as determined by the professor.

FRENCH 31A, Practical French 3 units

Transfer: CSU

- Prerequisite: None.

This course is designed to develop effective communication skills. It emphasizes the use of set-up phrases, idiomatic expressions, correct pronunciation and intonation, development of useful vocabulary, and ability to communicate without hesitation in a given situation. This course does not fulfill the language requirement. This course is taught in French unless in cases of linguistic difficulty as determined by the professor.

FRENCH 88A, Independent Studies in French 1 unit

Transfer: CSU

Please see "Independent Studies" section.

FRENCH 88C, Independent Studies in French 3 units

Transfer: CSU

Please see "Independent Studies" section.

FRENCH 99, Applied Learning in French 1 unit

Transfer: CSU

Corequisite: Any course in French.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Game Design

Students interested in independent studies or internships for the Game Design program may enroll in the Entertainment Technology (ET) 88 or 90 series of courses. Please speak with the Design Technology Department Chair or an Academic Counselor at the CMD for more information.

GAME 1, Game Design Fundamentals **3 units**

Transfer: CSU

Formerly Entertainment Technology 42.

This course is an introductory overview of the electronic game development process that underlines the historical context, content creation strategies, and future trends in the industry. The course will also explain how games are produced, tested, and released. This course will also cover the history of game platforms up to the most recent systems, and the expanded growth in Mobile, Casual, and Serious game development.

GAME 2, Game Mechanics **3 units**

Transfer: CSU

Formerly Entertainment Technology 44.

The focus of this course is on building a solid understanding of play mechanics: the formal elements of play, the dramatic elements that make a game meaningful to its players, and the system dynamics that shape the overall experience. Lectures will use historical and current games and genres to illustrate key concepts. Topics include strategy and tactics, resource management, emergent complexity, puzzles and puzzle development, and the business of games. Students will also learn the process of design through prototyping and playtesting.

GAME 10, Game Design Studio 1 **3 units**

Transfer: CSU

- Advisory: GAME 1, GAME 2.

This is a faculty-supervised studio course that will enable students to produce game prototypes for portfolio inclusion. Working in teams, students will develop original game design documents, turning them into physical prototypes for common tabletop game formats such as board games, card games, or dice games. Instruction will focus on iterative design, playtesting, and successful communication. Each team will develop multiple prototypes, and team members will assume different roles for each design.

GAME 20, Game Design Studio 2 **3 units**

Transfer: CSU

- Advisory: GAME 10.

Formerly Entertainment Technology 13.

This is a faculty-supervised studio course that will enable students to produce 2D game prototypes for portfolio inclusion. Working in teams, students will develop original game design documents into playable software prototypes. Instruction will focus on the fundamentals of multi-platform software authoring including interactive storytelling, navigation metaphors, technical constraints, and usability. Students will gain experience working with media (text, graphics, animation, video, and audio), using authoring environments, and writing scripts to control interactivity. Emphasis will also be placed on iterative design, playtesting, and successful communication. Each team will complete one major 2D game prototype for portfolio development. *This course uses the Unity game engine.*

GAME 30, Game Design Studio 3 **3 units**

Transfer: CSU

- Advisory: GAME 20.

Formerly Entertainment Technology 49.

This is a faculty-supervised studio course that will enable students to produce 3D game prototypes for portfolio inclusion. Working in teams, students will develop original

game design documents into playable software prototypes. Instruction will focus on advanced principles of multi-platform software authoring as well as on iterative design, playtesting, and successful communication. Each team will complete one major 3D game prototype for portfolio development.

This course uses the Unity game engine.

Geographic Information Systems

GIS is a computer system for capturing, storing, managing, analyzing and visualizing geospatial information related to locations on Earth's surface. We use GIS to combine various geospatial information in a digital environment to answer the questions "what is there?" and "why there?". GIS has been widely used in our daily life, government agencies, as well as organizations of sizes in almost every industry. There is a growing interest in and awareness of the economic and strategic values of GIS.

GIS 19, Geographic Information Systems for Business **3 units**

Transfer: CSU

- Prerequisite: None.

A working knowledge of Windows and the Internet. Formerly same course as CIS 19 and GEOG 19.

This introductory course focuses on understanding and utilizing Geographic Information Systems (GIS) solutions in business. It is not a substitute for the basic GIS course. Students will apply the use of ArcGIS to identify and display retail markets, evaluate the suitability of sites for establishing or relocating a business or to expand sales territories.

GIS 20, Introduction to Geographic Information Systems **3 units**

Transfer: UC, CSU

- Prerequisite: None.

GIS are computer-based systems used to collect, store and analyze geographic information. This course will present the concepts of Geographic Information Systems (GIS) science and its applications to spatial data management. Topics include: Identification and acquisition of GIS data; Assessment of vector and raster data, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS will also be presented.

*GIS 20 is the same course as Geography 20. Students may receive credit for one, but not both.***GIS 21, Geographic Information Systems for Law Enforcement** **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly same course as CIS 21.

This introductory course will focus on understanding and utilizing GIS for law enforcement. Students will utilize ArcMap GIS software in a hands-on computer setting to identify and display crime data, evaluate Part I and II crime activity, gang activity, etc., on maps. Emphasis will be on GPS locations of crime incidents, clustering of thefts, burglaries, rapes, bank robberies, and plot victim locational and demographic characteristics. Students will track and evaluate patrol assignments and fleet unit routing to create more

effective utilization patterns. US Census, DOJ CRS and local governmental data shall be utilized in creating crime maps.

GIS 22, Geographic Information Systems for Disaster Management **3 units**

Transfer: CSU

- Prerequisite: None.

This course focuses on understanding and utilizing Geographic Information Systems (GIS) in Disaster Management. Students will use ArcMap and other mapping information systems to mitigate, plan and respond to weather storm related conditions such as earthquakes, toxic and chemical air releases, and other hazards. This course is designed to enable students to identify areas that might be affected by natural and human-induced disasters.

GIS 23, Intermediate Geographic Information Systems **3 units**

Transfer: CSU

- Prerequisite: Geography 20 or GIS 20.

Formerly same course as CIS 23.

This course emphasizes GIS principles and methodology used in both the private and public sectors. Hands-on applications using both raster and vector data and technology will expose students to more advanced understanding of GIS. Students will learn various methods of data acquisition, including Global Positioning Systems (GPS) as well as the World Wide Web. The add-on modules extend the analytical capabilities of ArcMap and allow input of map features and conversion of feature themes from raster to vector. This course will also provide an introduction to several of ArcMap's extension including Spatial Analyst and 3D Analyst. Students will complete a Model Builder to be used in siting new solar sites. Spatial Analysis will include slope and aspect maps, neighborhood and zone analysis. The course will present single and multi-layer statistical operations including classification, coordination, and modeling analysis.

GIS 23 is the same course as Geography 23. Students may receive credit for one, but not both.

GIS 25, Introduction to Cartography **3 units**

Transfer: CSU

- Prerequisite: None.

This course provides a general introduction to Cartography, broadly defined as the art, science, and ethics of map making and map use. The emphases include map scale, map projection, reference and thematic map reading, symbolization and map design. A variety of modern geospatial technologies and tools are covered, including Geographic Information Systems (GIS), Global Positioning System (GPS), Remote Sensing, and web mapping. The course includes both lecture and hands-on application.

Geography 25 is the same course as GIS 25. Students may earn credit for one, but not both.

GIS 26, Introduction to Remote Sensing **3 units**

Transfer: CSU

- Prerequisite: None.

This course introduces students to the basic concepts of remote sensing, characteristics of remote sensors, and remote sensing applications in academic disciplines and professional industries. Emphases are placed on remote sensing data acquisition; digital image processing and interpretation. The course is designed for students interested

in the Earth Observing System, environmental monitoring techniques, and image analysis.

GIS 26 is the same course as Geography 26. Students may earn credit for one, but not both.

GIS 27, Applications in Geographic Information Systems **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: GIS 20 or Geography 20.

This course focuses on utilizing Geographic Information Systems (GIS) in real world applications such as disaster management, crime analysis, environmental sustainability analysis, and marketing. Students will use ArcGIS and other open source GIS software to process, analyze and map geospatial data, extract geospatial information, and develop geospatial wisdom. Emphases are placed on developing geospatial thinking and utilizing GIS to answer geospatial questions.

Geography

Geography is the science of studying human and physical attributes on the surface of the Earth. These attributes may be marks of human occupation, properties of some natural environment, or both. Geographers ask the questions "Where" and "Why there", with an interest in describing and explaining the various ways in which people have made Earth their home at scales ranging from the local to the global. Geography is an integrative discipline whose interests in space and place and whose perspectives from both environmental and social sciences foster a greater understanding of the interrelationships between the human and physical worlds. The use of Geo-Spatial Technologies, including Geographic Information Science (GIS), Remote Sensing (RS), and Global Positioning Systems (GPS), are now widely used in the visualization, measurement and analysis of Earth's physical features and human societies, as well as the interaction between them.

GEOG 1, Physical Geography **3 units**

Transfer: UC*, CSU

C-ID: GEOG 110.

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

**Maximum credit allowed for Geography 1 and 5 is one course (4 units).*

This course surveys the distribution and relationships of environmental elements in our atmosphere, lithosphere, hydrosphere and biosphere, including weather, climate, water resources, landforms, soils, natural vegetation, and wildlife. Focus is on the systems and cycles of our natural world, including the effects of the sun and moon on environmental processes, and the roles played by humans.

GEOG 2, Introduction to Human Geography **3 units**

Transfer: UC, CSU

C-ID: GEOG 120.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a study of humanity and its planetary home of distinctive places, spaces, landscapes, and environments.

The course systematically considers geographic patterns, processes, and issues, beginning with the basic questions of Where? and Why There? Specific topics examined include human population change and migration; agriculture and food systems; urban-economic development; cultural and environmental change in an age of globalization, with specific attention paid to language, religion, ethnic identity, and biodiversity; and international geopolitics.

GEOG 3, Weather and Climate **3 units**

Transfer: UC, CSU

C-ID: GEOG 130.

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

This course is a survey of the earth's atmosphere, with special reference to the causes and regional distribution of weather and climate. The nature and causes of winds, clouds, precipitation, and severe storms are studied. Students will learn techniques of local weather observation and prediction.

GEOG 5, Physical Geography with Lab **4 units**

Transfer: UC*, CSU

C-ID: GEOG 115.

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: None.

**Maximum credit allowed for Geography 1 and 5 is one course (4 units).*

This course surveys the distribution and relationships of environmental elements in our atmosphere, lithosphere, hydrosphere and biosphere, including weather, climate, water resources, landforms, soils, natural vegetation, and wildlife. Focus is on the systems and cycles of our natural world, including the effects of the sun and moon on environmental processes, and the roles played by humans. Laboratory work emphasizes the practical application of concepts presented in lecture, introduces the student to some of the tools and methods used in Physical Geography, and may include field study opportunities.

GEOG 7, Introduction to Environmental Studies **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This introductory course will use an interdisciplinary approach to provide students with a broad perspective on environmental problems and solutions. Students will be introduced to the strategies used by scientists, economists, political analysts, and other writers and researchers to investigate and analyze environmental and urban issues, human/nature relationships, natural and built environments, and environmental citizenship.

Geography 7 is the same course as Environmental Studies 7. Students may earn credit for one, but not both.

GEOG 8, Introduction to Urban Studies **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.

This course introduces students to the multi-disciplinary study of urban society and space. Cities are examined both as complex social-economic groupings of people, and as material landscapes of buildings, pathways, and public

and private spaces. Attention is paid to what cities are and have been (the evolving urban experience of the past and present) as well as to ever-changing ideas about what cities should be (urban planning and design for the future). While the overall perspective of the course is global, its primary focus is on the cities of North America and, in particular, the Los Angeles metropolitan area. This emphasis is evident both in the classroom and in field trips or other assignments that ask students to apply classroom ideas to our local urban setting.

Geography 8 is the same course as Urban Studies 8. Students may earn credit for one, but not both.

GEOG 9, Climate Change **3 units**

Transfer: UC, CSU

Satisfies Global Citizenship

This course explores the geologic causes of climate change and explores how climate has varied in the geologic past. The course will investigate how the oceans and atmosphere regulate both climate and weather today. Moreover, it will examine human contributions to current warming, and how policy decisions shape future emission scenarios. The course will also highlight societal impacts of current and future emission scenarios.

GEOG 9 is the same course as GEOL 9. Students may earn credit for one, but not both.

GEOG 10, Living in a Hazardous Environment **3 units**

Transfer: CSU

- Prerequisite: None.

This course is a study of hazards and their effect on humans and the natural environment. It includes an analysis of volcanoes, earthquakes, floods, droughts, hurricanes, tornadoes, catastrophic mass wasting, fires, and the effects of terrorism. This course focuses on appropriate responses from law enforcement personnel, fire technicians, and public sector managers.

GEOG 11, World Geography: Introduction to Global Studies **3 units**

Transfer: UC, CSU

C-ID: GEOG 125.

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces Global Studies through a survey of the world's major geographic regions. Students will encounter core concepts related to processes of global connection and change, while also developing basic geographic literacy in the distribution of human and natural features on Earth. Students will examine and discuss significant issues -- cultural, social, political-economic, and environmental -- impacting humanity today as both problem and possibility. In particular, this course considers the diverse localized impacts of globalization as a continuing story of peoples and places isolated and connected by imperial, colonial, and international systems of the past and present.

Geography 11 is the same course as Global Studies 11. Students may earn credit for one but not both.

GEOG 14, Geography of California **3 units**

Transfer: UC, CSU

C-ID: GEOG 140.

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This course surveys the physical and human geography of California and the process shaping its landscapes. Topics include natural features and resources, such as geology, climate, plants and animals, and hydrology. Historical and current trends in human population, migration, and settlement patterns are considered, including a review of the state's major cultural groups. Primary and advanced economic activities are examined within modern rural and urban settings. Emphasis is on the profound connections between these topics, on California's unequalled diversity, and the rapid change that is transforming our people and its landscapes.

GEOG 20, Introduction to Geographic Information Systems **3 units**

Transfer: UC, CSU

C-ID: GEOG 155.

- Prerequisite: None.

Formerly same course as CIS 20.

GIS are computer-based systems used to collect, store and analyze geographic information. This course will present the concepts of Geographic Information Systems (GIS) science and its applications to spatial data management. Topics include: Identification and acquisition of GIS data; Assessment of vector and raster data, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS). Spatial analysis and modeling with GIS will also be presented.

Geography 20 is the same course as GIS 20. Students may earn credit for one course only.

GEOG 23, Intermediate Geographic Information Systems **3 units**

Transfer: CSU

- Prerequisite: Geography 20 (same as GIS 20).

Formerly same course as CIS 23.

This course emphasizes GIS principles and methodology used in both the private and public sectors. Hands-on applications using both raster and vector data and technology will expose students to more advanced understanding of GIS. Students will learn various methods of data acquisition, including Global Positioning Systems (GPS) as well as the World Wide Web. The add-on modules extend the analytical capabilities of ArcMap and allow input of map features and conversion of feature themes from raster to vector. This course will also provide an introduction to several of ArcMap's extension including Spatial Analyst and 3D Analyst. Students will complete a Model Builder to be used in siting new solar sites. Spatial Analysis will include slope and aspect maps, neighborhood and zone analysis. The course will present single and multi-layer statistical operations including classification, coordination, and modeling analysis.

Geography 23 is the same course as GIS 23. Students may receive credit for one, but not both.

GEOG 24, Geospatial Imagery: Maps for the Twenty-First Century **3 units**

Transfer: CSU

- Prerequisite: None.

This course introduces methods for visualizing the natural and cultural features of Earth's surface. Fundamentals of traditional map and air-photo interpretation are covered, as well as newer technologies including satellite imagery,

global positioning systems (GPS), and Internet-based applications. Emphases are placed on use and interpretation of maps and other geospatial information. Class time will combine lecture and lab work.

GEOG 25, Introduction to Cartography **3 units**

Transfer: CSU

- Prerequisite: None.

This course provides a general introduction to Cartography, broadly defined as the art, science, and ethics of map making and map use. The emphases include map scale, map projection, reference and thematic map reading, symbolization and map design. A variety of modern geospatial technologies and tools are covered, including Geographic Information Systems (GIS), Global Positioning System (GPS), Remote Sensing, and web mapping. The course includes both lecture and hands-on application.

Geography 25 is the same course as GIS 25. Students may earn credit for one, but not both.

GEOG 26, Introduction to Remote Sensing **3 units**

Transfer: CSU

- Prerequisite: None.

This course introduces students to the basic concepts of remote sensing, characteristics of remote sensors, and remote sensing applications in academic disciplines and professional industries. Emphases are placed on remote sensing data acquisition; digital image processing and interpretation. The course is designed for students interested in the Earth Observing System, environmental monitoring techniques, and image analysis.

Geography 26 is the same course as GIS 26. Students may earn credit for one, but not both.

GEOG 35F, Field Study: California **1 unit**

Transfer: CSU

- Prerequisite: None.

This course combines classroom and laboratory studies with actual field studies in geography. Field experiences are designed to apply basic geographic concepts and techniques in the study of diverse landscapes and the processes shaping them. Students will attend two 3-hour lecture classes and are required to attend two planned weekend field trips that include California coastal, mountain, and desert locations.

GEOG 35S, Geography Field Studies **1 unit**

Transfer: CSU

- Prerequisite: None.

This course combines classroom and laboratory studies with actual field studies in geography. Field experiences are designed to apply basic geographic concepts and techniques in the study of diverse landscapes and the processes shaping them.

GEOG 94, Introduction to Geoscience Field Methods **2 units**

Transfer: UC, CSU

- Skills Advisory: Eligibility for English 1, Science 10 or Geology 4 or Geography 5.

This course will introduce students to field methods in Geoscience, including Geology and Geography. Students will apply the scientific methods to their field queries, learn how to design and implement field-based research, and standard protocols such as obtaining required permitting to

access field sites. They will also be introduced to commonly used field instruments, practice using these instruments to gather data in a field setting, and communicate results and data interpretation in conventional scientific formats. Field trip attendance is required.

Geography 94 is the same course as Geology 94. Students may earn credit for one, but not both.

Geology

Geology is an interdisciplinary science that integrates the principles of mathematics, physics, chemistry, biology, and the social sciences to explore and understand the Earth. Geology asks and answers questions about the Earth, including its origins, composition, structure, and past and present activity and the impact of these factors on society. As a science with pragmatic applications it is also applied to locate resources and assess their abundance, to mitigate geologic hazards, and to provide critical information about Earth's changing climate and the impact of these changes on our ecosystems. A degree in geology can translate to a number of important and highly valued academic and professional positions, including but not limited to, Earth scientist (e.g. geologist, seismologist, volcanologist, oceanographer, soil scientist, hydrologist, etc.), environmental consultant, environmental lawyer, remediation specialist, climate scientist, and teacher.

GEOL 1, Physical Geology without Lab **3 units**

Transfer: UC*, CSU

C-ID: GEOL 100.

IGETC AREA 5A (Physical Sciences, non-lab)

**Maximum credit allowed for Geology 1 and 4 is one course (4 units).*

This course illustrates the many geologic processes that have shaped our planet. Lecture topics include rocks, minerals, landslides, streams, ground water, glaciers, oceans, earthquakes, and plate tectonics. Upon completion of this course, the student will have a greater awareness and understanding of their constantly changing environment.

GEOL 3, Introduction to Environmental Geology **3 units**

Transfer: UC, CSU

IGETC Area 5A (Physical Sciences, non-lab)

- Prerequisite: None.

This course is an introduction to geologic hazards and resources. The primary focus is geologic settings that produce regions with different types of geologic hazards, the specific hazards and mitigation techniques associated with those regions, and the formation and utilization of geologic resources. Topics include earthquakes, volcanoes, floods and groundwater, fossil fuels, rock and mineral resources, and problems associated with resource use.

GEOL 32, Introduction to Physical Oceanography with Lab **4 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

This course describes the physical and geological aspects of oceanography. Lecture topics include the origin of the oceans, plate tectonics, seafloor topography, waves, beaches, estuaries, lagoons, and lakes. Lab content will reinforce lecture topics giving students an opportunity to apply their

knowledge with hands-on experience along with a greater degree of understanding the physical and chemical properties of the oceans and atmosphere.

GEOL 4, Physical Geology with Lab **4 units**

Transfer: UC*, CSU

C-ID: GEOL 101.

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: None.

**Maximum credit allowed for Geology 1 and 4 is one course (4 units).*

This course presents an introduction to geologic processes that have shaped the Earth. Lecture topics include formation of the Earth, plate tectonics, rocks, minerals, earthquakes, geologic structures, geologic time, coastal processes, and groundwater. Laboratory exercises expand this information by dealing with rock and mineral identification, topographic and geologic map interpretation, and the interpretation aerial photographs. Upon completion of this course, the student will have a good understanding of the processes that form major features on Earth.

GEOL 5, Historical Geology with Lab **4 units**

Transfer: UC, CSU

C-ID: GEOL 111.

IGETC AREA 5A (Physical Science + lab)

- Prerequisite: None.

This course is an introduction to the history of Earth and its evolution including surface environments, atmosphere, oceans, and life. Sedimentary rocks are studied for stratigraphic relationships, environmental indicators, and biologic significance to reconstruct the geological and biological evolution of Earth over time. Numerical methods, like geochronology, are also employed to assign absolute ages to past environments. The combination of both relative and numerical methods to the study of plate tectonics and geologic structures will allow the student to understand how Earth history is reconstructed. A particular emphasis is placed on the study of North American sequences.

GEOL 9, Climate Change **3 units**

Transfer: UC, CSU

Satisfies Global Citizenship

This course explores the geologic causes of climate change and explores how climate has varied in the geologic past. The course will investigate how the oceans and atmosphere regulate both climate and weather today. Moreover, it will examine human contributions to current warming, and how policy decisions shape future emission scenarios. The course will also highlight societal impacts of current and future emission scenarios.

GEOL 9 is the same course as GEOG 9. Students may earn credit for one, but not both.

GEOL 10, Exploration of the Solar System **3 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Advisory: Astronomy 2 or 4 or Geology 1 or 4.

This course provides a geologic and astronomic view of solar system exploration. Current knowledge of the geology of other planets, natural satellites and asteroids is discussed. Current studies in planetary science and how to access and

utilize data collected from modern and historic planetary missions and Earth-based studies are also examined.

Geology 10 is the same course as Astronomy 10. Students may earn credit for one, but not both.

GEOL 31, Introduction to Physical Oceanography **3 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

This course provides the student with an understanding of the physical and geological aspect of oceanography. Lecture topics include the origin of the oceans, plate tectonics, seafloor topography, waves, beaches, estuaries, lagoons, and lakes. Completion of this course will give the student a greater knowledge of the fascinating and dynamic world of the oceans.

GEOL 35, Field Studies: California **1 unit**

Transfer: CSU

- Prerequisite: None.

This course combines classroom and field studies of California geology. Lectures are designed to prepare the student for the examination of geologic features in the field setting. Field experience is intended to provide students with first hand observations and an understanding of earth processes and their products. Students will learn to take notes and make diagrams in the field to be used in the preparation of a written report. Students will attend three 3-hour lecture classes and are required to attend an overnight field trip to a location of geological interest in California.

GEOL 35C, Field Studies: Central California **1 unit**

Transfer: CSU

- Prerequisite: None.

This course combines classroom and field studies of the geology of Central California, coast and interiors. Lectures are designed to prepare the student for the examination of geologic features in field settings. Field experiences are intended to provide students with first hand observations and an understanding of several Earth processes and their products including underground caverns, sand dunes, volcanoes and erosional features. Students will attend a series of three 3-hour lecture classes and are required to attend one overnight field trip to Central California.

GEOL 35D, Geology Field Studies: Death Valley and the Basin **1 unit**

Transfer: CSU

- Prerequisite: None.

This course combines classroom and field studies of the geology of the Basin and Range desert of California and Nevada. Lectures are designed to prepare the student for the examination of geologic features in field settings. Field experiences are intended to provide students with first hand observations and an understanding of several Earth processes and their products including underground caverns, sand dunes, volcanoes and erosional features. Students will attend a series of three 3-hour lecture classes and are required to attend one overnight field trip to the Basin and Range desert.

GEOL 94, Introduction to Geoscience Field Methods **2 units**

Transfer: UC, CSU

- Skills Advisory: Eligibility for English 1, Science 10 or Geology 4 or Geography 5.

This course will introduce students to field methods in Geoscience, including Geology and Geography. Students will apply the scientific methods to their field queries, learn how to design and implement field-based research, and standard protocols such as obtaining required permitting to access field sites. They will also be introduced to commonly used field instruments, practice using these instruments to gather data in a field setting, and communicate results and data interpretation in conventional scientific formats. Field trip attendance is required.

Geology 94 is the same course as Geography 94. Students may earn credit for one, but not both.

German

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

GERMAN 1, Elementary German I **5 units**

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

The course is designed to give students the ability to understand, speak, read and write simple German. Primary goals are to introduce beginning students to basic structures of the German language by developing vocabulary and a command of idiomatic expressions; to familiarize students with sentence structure through written exercises and short compositions; to give students a basic foundation in German history and culture; and to interest students in traveling to German-speaking countries.

GERMAN 2, Elementary German II **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: German 1*.

This course is a continuation of German 1 with additional stress on conversation, reading, and essential grammatical elements. Aspects of German culture and history are covered as well.

**The advisory for this course is comparable to two years of high school German.*

GERMAN 3, Intermediate German I **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: German 2*.

This course reviews German grammar, emphasizing idiomatic construction and expressions. Discussions and interpretations are based on selected readings from German literature and a variety of cultural topics. This course is taught in

German except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to three years of high school German.*

GERMAN 4, Intermediate German II **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: German 3*.

This course stresses the finer grammatical points, idioms, and vocabulary used every day and in literature. The course is highlighted by intensive and extensive reading and discussion and interpretations of more advanced German works on literature, philosophy, and culture. This course is taught in German except in cases of linguistic difficulty as determined by the professor.

**The prerequisite for this course is comparable to four years of high school German.*

GERMAN 8, Conversational German **2 units**

Transfer: UC, CSU

- Prerequisite: German 2.

This course provides an opportunity to acquire intermediate fluency in spoken German with emphasis on natural, colloquial usage. New vocabulary and idiomatic phrases will be emphasized, and the students will hold conversations in German during each class. This course is taught in German except in cases of linguistic difficulty as determined by the professor.

Applied and service-learning field experience within a public agency, educational institution, and citizen volunteer groups is a requirement of this class.

GERMAN 31A, Practical German **3 units**

Transfer: CSU

- Prerequisite: None.

This course is designed for students with no previous knowledge of German. It develops basic conversation skills in the present tense, emphasizing the use of setup phrases, idiomatic expressions, correct pronunciation, development of useful vocabulary and the ability to communicate at a practical and basic level. This course is taught in German except in cases of linguistic difficulty as determined by the professor.

GERMAN 99, Applied Learning in German **1 unit**

Transfer: CSU

Corequisite: Any course in German.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Global Studies

Global Studies is a multi- and interdisciplinary program designed to increase knowledge and understanding of the processes of globalization and their impacts on societies, cultures, and environments around the world. The Global Studies program provides the student with a knowledge of critical issues that affect their lives and community, as well as the affairs of other cultures, societies, and nations. An understanding of the world's social, political, economic, and natural systems and their increasing interdependence, along with an appreciation of the diversity of human culture, will supply the student with a strong background for working in a global economy, for living in a multicultural society, and for making intelligent decisions as global citizens.

GLOBAL STUDIES 3, Global Media **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

This course provides a detailed introduction to global media systems around the world, examining the main economic and cultural dimensions of the international media environment. Key theoretical approaches to international and global communication will be examined. Consideration will be given to the key issues, main actors, and significant developments in global media.

Global Studies 3 is the same course as Media 3. Students may earn credit for one, but not both.

GLOBAL STUDIES 5, International Political Economy: Introduction to Global Studies **3 units**

Transfer: UC, CSU

C-ID: GLST 101.

IGETC AREA 4 (Social Science)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course offers an interdisciplinary introduction to the fields of Global Studies and International Political Economy. Students will analyze critically the role of national governments, international organizations, nongovernmental organizations, and multinational corporations, in regard to phenomena such as, international markets and production regimes, monetary and trade policy, international and global conflict, and environmental degradation. Contending theoretical and ideological perspectives regarding international systems, processes, and trends will be applied and evaluated.

Global Studies 5 is the same course as Economics 5 and Political Science 5. Students may earn credit for only one course.

GLOBAL STUDIES 10, Global Issues **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This introductory course offers an interdisciplinary approach to exploring the origins, current status, trends and possible solutions of major global issues. Students will examine multiple issues of concern such as international war and conflict, global inequality, food, water, energy, climate

change, population growth, migration, and social change. This Global Studies course will emphasize interdisciplinary inquiry by drawing upon both the holistic body of work in global studies, as well as the approaches of related fields such as anthropology, economics, environmental studies, geography, history, philosophy, political science, psychology, sociology, and women's studies.

GLOBAL STUDIES 11, World Geography: Introduction to Global Studies **3 units**

Transfer: UC, CSU

C-ID: GEOG 125.

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces Global Studies through a survey of the world's major geographic regions. Students will encounter core concepts related to processes of global connection and change, while also developing basic geographic literacy in the distribution of human and natural features on Earth. Students will examine and discuss significant issues --cultural, social, political-economic, and environmental -- impacting humanity today as both problem and possibility. In particular, this course considers the diverse localized impacts of globalization as a continuing story of peoples and places isolated and connected by imperial, colonial, and international systems of the past and present. *Global Studies 11 is the same course as Geography 11. Students may earn credit for one but not both.*

GLOBAL 35, Global Citizenship Field Study **1 unit**

Transfer: CSU

- Prerequisite: None.

This course supports a diverse range of academic offerings that combine field-based learning and/or research in the context of global citizenship. This course explores the human, scientific, theoretical and/or ecological dimensions of our world. Set in a variety of international and domestic locations, each field study offering will focus on a discipline specific aspect of the location to expand student understanding of both the discipline and the location.

Graphic Design

In existence for over 40 years, the Graphic Design Program at Santa Monica College serves both the student who wishes to transfer to a four-year college or art school, as well as the student who wants to obtain the skills necessary for entry into the job market as a production artist in graphic design, illustration, user experience design, or interaction design. The program is designed to meet the industry's need for creative professionals who excel in developing ideas and have the technical proficiency to execute them. Our instructors are experienced professionals who bring first-hand knowledge of industry practices to the classroom and work in close collaboration with industry advisors to keep up with trends and changing requirements. In addition, participating companies often provide guest speakers and student internships. We offer day, evening and weekend classes to provide educational opportunities to all students. In addition, selected Graphic Design courses are offered online through SMC's Distance Education program. To learn more about the program, please visit smc.edu/designtech.

DESIGN 11, Design Foundations **3 units**

Transfer: CSU

Formerly GR DES 31.

This studio course introduces the graphic design process -- concept, visualization, documentation, and professional presentation. With an emphasis on visual communication strategies, students will explore the fundamental text/image interaction and develop various types of graphic identity designs including symbolic, pictorial or typographic.

DESIGN 12, Typography 1 **3 units**

Transfer: CSU

Formerly GR DES 33.

The course serves as an introduction to the fundamentals of typography. Students learn about the history of the letterform and type development, the core concepts and the professional vocabulary, as well as the technologies and their applications in the typographic practice. The primary focus of the course is on developing the basic skills necessary to understand and apply typography in visual communication.

DESIGN 13, Digital Design Tools **3 units**

Transfer: CSU

Formerly GR DES 18.

This course provides an overview of digital applications used in the field of Graphic Design for the purposes of image manipulation, vector graphics, and publication design. Also covered: Operation Systems, file management, and computer navigation basics.

DESIGN 21, Design Methods **3 units**

Transfer: CSU

- Advisory: DESIGN 11.

This course supplies students with a toolbox of techniques to build visual problem-solving and communication skills. Students will explore different methodologies used to kick-start the creative process: how to formulate design problems, establish constraints, ideate, and prototype solutions. A variety of different techniques are explored that designers use to conceptualize and visualize their ideas and present them in different mediums. Concepts covered include sketching, brainstorming, visual research, Interviewing, field research, moodboards, brand books, co-designing, mind mapping, and concept presentations.

DESIGN 22, Typography 2 **3 units**

Transfer: CSU

- Advisory: DESIGN 12.

Formerly GR DES 43.

The course builds on the fundamental principles covered in Typography 1 to continue the exploration of type as a visual communication tool. Students learn to understand the context and the meaning behind the typographic strategies and apply advanced techniques and methods to increasingly complex design projects. The course emphasizes the use of grids and the systematic approach to visual communication.

DESIGN 23, User Experience Design 1 **3 units**

Transfer: CSU

Formerly GR DES 61.

User Experience (UX) Design prioritizes the needs and wants of the user. The goal: create useful, meaningful, and ethical/sustainable interactions with a product, service or design. This introductory course will provide an overview of the design process and tools used within the UX field with a spe-

cific focus on mobile or web-based solutions. Students will collaborate to research, critique, and design a real-world project or projects to present to stakeholders.

DESIGN 24, Web Design 1 **3 units**

Transfer: CSU

- Advisory: DESIGN 13.

Formerly GR DES 65.

This course serves as an introduction to the fundamentals of web design for students with existing command of digital design tools. Students will learn about the history and the nature of the Web as a medium for visual communication, its underlying structures, and the foundational principles and methods of design for the Web. The course focuses on core concepts like site structure, treatment of text and images, the separation of content and presentation, as well as introduction to layout and positioning and allows students to apply these skills in creation of their own Web pages and sites.

DESIGN 31, Interactive Advertising **3 units**

Transfer: CSU

- Advisory: DESIGN 11.

In this project-based course, students will apply graphic design skills to interactive advertising and social media platforms. Using appropriate tools, frameworks, and technologies, students will create interactive campaigns to promote, engage, and drive user behaviors as well as identify and apply various methods for measuring a project's success. Students will use a hands-on approach to campaign creation through social media advertising, marketing strategies, and performance indicators to tell the story of a business or user, and the goals they want to achieve.

DESIGN 32, Communication Design **3 units**

Transfer: CSU

- Advisory: DESIGN 11.

The class prepares students to participate in a visual communication campaign delivered across various media. The coursework focuses on the application of a consistent visual language to different platforms preserving branding and messaging cohesion. Supplied with a design brief for a single large campaign students will practice conceptualization, prototyping, pre-production and content delivery within the constraints of working towards a set goal and target audience.

DESIGN 33, User Experience Design 2 **3 units**

Transfer: CSU

- Advisory: DESIGN 23.

Formerly GR DES 62.

User Experience (UX) 2 builds on the knowledge acquired in UX 1. If projects in UX 1 focus primarily on mobile and web-based solutions, UX 2 embraces a more holistic view of the user experience. This may include looking at other interfaces (voice activation, wearables, etc.) and design types (service, interventions), and even those we have not yet considered. Project outcomes may also be equally diverse with projects ranging from interactive campaigns to speculative prototypes. Students will collaborate to research, critique, and design real-world, theme-based project(s) to a group of a stakeholders.

DESIGN 34, Web Design 2 **3 units**

Transfer: CSU

- Advisory: DESIGN 24.

Formerly GR DES 66.

This course builds up on the web design fundamentals covered in Design 24 and is centered around the best practices for the use of design systems in web design and the introduction to the interactivity on the Web. Students explore concepts like grids and layouts and learn to apply various CSS strategies for the design of modern cross-platform responsive websites. They learn about engaging and delighting users with interactive components, and advanced application of typography and images and practice applying common interactive design strategies to the design of complex multi-page websites for real-world clients.

DESIGN 41, Industry Project **3 units**

Transfer: CSU

- Advisory: DESIGN 11.

This course focuses on an industry-sponsored project driven by a real-world brief. As a capstone class, students will build on the knowledge and skills they acquired in earlier course work. Students in this course will work independently or in small teams to research, prototype, and present design concepts in collaboration with the industry partner.

DESIGN 42, Information Design **3 units**

Transfer: CSU

- Advisory: DESIGN 11

Design and presentation of information is integral to all human cultures - from pictographs to alphabet to complex data visualizations. This course presents students with the opportunity to explore visual expressions of data and information, wayfinding systems and information-based narratives. Students will learn to create visual systems, data visualizations in print and on the Web, and effective and engaging presentations.

DESIGN 43, Design Portfolio **3 units**

Transfer: CSU

- Advisory: DESIGN 11.

Formerly GR DES 50.

This course provides the opportunity to focus on the development of an effective design portfolio and addresses the process of developing project documentation that meets the current industry standards. Students learn how to write case studies, and present and exhibit their work in a professional setting. Students prepare promotional materials, including a design statement, resume, digital portfolio, online professional presence, cover letters, and references. Emphasis is placed on cultivating a professional voice in design.

DESIGN 44, Web Design 3 **3 units**

Transfer: CSU

- Advisory: DESIGN 34.

Formerly GR DES 67.

This advanced project-based web design course builds on the conceptual and technical framework acquired in Web Design 2 and focuses on designing for cutting-edge web technologies. Students will learn narrative strategies in web design and experiment with interactive graphics and mixed reality on the Web. They will go through rigorous design process, prototype and publishing their work, receive feedback and integrate through their designs. Students will

learn how to evaluate emerging web technologies from the designer's perspective and adapt their skillset to remain on the cutting edge of web design.

GR DES 71, Motion Graphics 1 **3 units**

Transfer: CSU

- Advisory: Graphic Design 33 and 64.

Formerly Entertainment Technology 58.

This hands-on course focuses on communication design for motion. Students will conceptualize, design and produce visual communication solutions using motion. Motion Graphics is a form of communication with a range of applications: film, television, communication design, branding, advertising and web. Projects will cover best practices for animation and visual effects in broadcast design, film titles, and video production by combining narrative storytelling, graphics and typography.

GR DES 71B, Motion Graphics 2 **3 units**

Transfer: CSU

- Advisory: Graphic Design 71.

Formerly Entertainment Technology 59.

This hands-on course focuses on communication design and common professional uses of advanced motion graphics. Students will conceptualize, design and produce innovative time-based visual communication solutions using motion design theory and techniques. Exploring a wide range of applications (film, web, television, communication design, branding and advertising), students will create projects with advanced techniques for animation and visual effects in broadcast design, film titles and video production by combining typography, graphics and narrative storytelling.

GR DES 75, Mobile Design 1 **3 units**

Transfer: CSU

- Advisory: DESIGN 13.

This design course focuses on designing for mobile touchscreen interfaces including smartphones and tablets. Mobile design requires the skill of designing for smaller, hand-held devices and has its own set of characteristics and constraints. Students will conceptualize, design, and implement low-fidelity design prototypes of apps for mobile devices. Projects will cover best practices for designing for mobile devices and will cover the basics of mobile app prototyping including design process, interface design, and interaction design patterns.

This course is not a mobile app development or programming course. For such courses, please see our Computer Science course offerings.

GR DES 76, Mobile Design 2 **3 units**

Transfer: CSU

- Advisory: Graphic Design 61 and 75.

This design course focuses on designing apps for mobile touchscreen devices including smartphones and tablets. This class will use knowledge acquired in Mobile Design 1 to conceptualize, design, and implement interactive design prototypes for mobile devices at an intermediate level. Projects will include designing, user testing, and creating mobile app design prototypes.

This course is not a mobile app development or programming course. For such courses, please see our Computer Science course offerings.

DESIGN 88A, Independent Studies in Graphic Design **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

DESIGN 88B, Independent Studies in Graphic Design **2 units**

Transfer: CSU

Please see "Independent Studies" section.

DESIGN 88C, Independent Studies in Graphic Design **3 units**

Transfer: CSU

Please see "Independent Studies" section.

DESIGN 90A, Internship **1 unit**

Transfer: CSU

Please see "Internships" section.

DESIGN 90B, Internship **2 units**

Transfer: CSU

Please see "Internships" section.

DESIGN 90C, Internship **3 units**

Transfer: CSU

Please see "Internships" section.

Health Education

See also Nursing, Occupational Therapy, Professional Courses in Kinesiology/Physical Education, and Respiratory Therapy.

HEALTH 10, Fundamentals of Healthful Living **3 units**

Transfer: UC, CSU

- Prerequisite: None.

This course is designed to explore and develop approaches to, and perspectives of, healthful living. Topics include but are not limited to: dimensions of wellness, stress management, nutrition, physical activity and exercise, behavioral health, aging, and strategies for establishing and maintaining a healthy lifestyle.

HEALTH 11, First Aid and Cardio-Pulmonary Resuscitation **3 units**

Transfer: UC, CSU

- Prerequisite: None.

A course in adult and child CPR (cardio-pulmonary resuscitation), AED (Automated External Defibrillator) and basic first aid. This course will cover emergency care of the ill and/or injured, including; recognizing and treating life threatening emergencies such as breathing, choking, cardiac emergencies, severe bleeding, and shock. The treatment of soft tissue injuries like burns, musculoskeletal, head, neck, and back injuries, as well as the treatment of medical emergencies such as sudden illness, poisonings, hypothermia and hyperthermia will be covered in this course. Upon successful course completion, American Red Cross first aid certificates and CPR certificates are awarded to students.

Additional fees apply for students wishing to pursue American Red Cross certification.

HEALTH 60, Multicultural Health and Healing Practices **3 units**

Transfer: CSU

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces the student to the health and healing beliefs and practices among people from culturally diverse backgrounds. Cultural concepts applicable to health and wellness behavior are examined. The health, healing beliefs and practices of select American cultural groups: Native, Asian, African, Latino, and European, will be studied in the larger context of the American health care delivery system. *HEALTH 60 is the same course as NURSNG 60. Students may earn credit for one but not both.*

HEALTH 70, Integrative Health **3 units**

Transfer: CSU

- Prerequisite: None.

This course introduces the field of Integrative Health as it is practiced in modern healthcare settings. Integrative Health addresses wellness of the whole person: body, mind, and spirit. The course will explore the major domains of Integrative Health, and the philosophies of health and healing that unite all of these domains. Topics include current education, practice, and research in natural products, mind-body-spirit therapies, manipulative and body based therapies, energy therapies, and global perspectives of Integrative Health practice.

HEALTH 81, Fundamental Skills for Health Care Professionals **3 units**

Transfer: CSU

This course introduces students to careers in the health care industry, through a comprehensive review of today's health care system, the differences among health care institutions and the importance of laws, ethics, and professionalism in health care.

HEALTH 82, Essential Skills for Health Care Professionals **3 units**

Transfer: CSU

- Prerequisite: None.

This course introduces students to the various professional skills that are vital for success in the health care industry. Students examine the impact of communication, professionalism, collaboration, and critical thinking in health care delivery. This course also examines the usage of technology in the healthcare industry.

HEALTH 83, Technical Skills for Health Care Professionals **1.5 units**

Transfer: CSU

- Prerequisite: None.

This course allows students to practice the skills needed to provide direct patient care with an emphasis on the elderly population. An overview of the basic care and psychosocial skills are provided. Students participate in hands on exercises to demonstrate competence in safety/infection control, assessment skills, basic medical terminology, urgent care situations, HIPAA and customer service. Students also examine the best strategies to serve patients that are aging, have dementia, mental illness, and developmental disabilities.

HEALTH 84, Applied Skills for Health Care Professionals **1 unit**

Transfer: CSU

Corequisite: Health 84L.

This course facilitates the transition of the student to the role of a professional intern at a health care facility. Emphasis is placed on professional communication, ethics, safety in the health care environment, and personal accountability and responsibility. The course also analyzes resume building, portfolio creation and job interviewing techniques.

HEALTH 84L, Applied Skills for Health Care Professionals Lab **1 unit**

Transfer: CSU

Corequisite: Health 84.

This course facilitates the transition of the student to the role of a professional intern at a health care facility. Emphasis is placed on professional communication, ethics, safety in the health care environment, and personal accountability and responsibility. The course also analyzes resume building, portfolio creation and job interviewing techniques. Clinical experiences provide the student the opportunity to apply theoretical concepts while functioning in an observational role at a health care facility.

Health Occupations

See also Occupational Therapy, Respiratory Therapy, and Nursing. For Inhalation Therapy see Respiratory Therapy. RN Nurses who take Continuing Education courses at SMC use BRN provider #01050.

HEALTH 61, Medical Terminology **3 units**

Transfer: CSU

- Prerequisite: None.

This course is designed to build the student's medical and professional vocabulary as required for a career in the medical field or allied health sciences. Students undertake a comprehensive study of medical terminology with an emphasis on determining meanings by dividing words into their component parts. An overview of anatomy by each body system, including diagnostic, pathologic, therapeutic, surgical and pharmacologic terminology is completed. Common clinical procedures, laboratory tests and abbreviations are also included.

Health - Noncredit

HEALTH 900, Introduction to the Career of a Rehabilitation Therapy Aide **0 units**

This course introduces students to the field of rehabilitation therapy, including occupational, physical and speech therapy. It explores the history, ethics and common practice of these fields, especially focusing on the roles and responsibilities of rehabilitation aides.

HEALTH 902, Clinical Practice for a Rehabilitation Therapy Aide **0 units**

This course introduces students to the practice of a rehabilitation therapy aide, including occupational, physical and speech therapy aides. Students will learn the essential job

duties of a rehabilitation aide and have clinical hands-on experience.

HEALTH 904, Kinesiology for a Rehabilitation Therapy Aide 0 units

This course introduces students to basic skeletal anatomy, body mechanics and kinesiological terms used in the field of rehabilitation therapy, including physical, occupational, and speech therapy.

HEALTH 905, Providing Care to Older Adults 0 units

This course will prepare the student to assist older adults. It provides an overview of the older adult population with respect to demographics and the aging process. The primary focus is on the role of a non-medical caregiver and the basic skills necessary to assist with daily living needs. Students completing this course will meet the State of California requirements for 10 hour Senior Caregiver Training. Completion of Providing Care to Older Adults, Communication with Older Adults, and Wellness in Older Adults leads to a noncredit certificate, Introduction to Working with Older Adults.

HEALTH 906, Communication with Older Adults 0 units

This course introduces techniques and skills that can be used to help facilitate communication with older adults. The student will examine age related sensory changes and be able to define and identify barriers to communication. Completion of Providing Care to Older Adults, Communication with Older Adults, and Wellness in Older Adults leads to a noncredit certificate, Introduction to Working with Older Adults.

HEALTH 907, Wellness in Older Adults 0 units

This course will educate students on how to promote wellness in older adults with an emphasis on nutrition, physical activities and lifestyle choices. The student will learn techniques to promote healthy lifestyles of older adults which is vital in helping them to maintain health and functional independence and lead healthy and independent lives. Completion of Providing Care to Older Adults, Communication with Older Adults, and Wellness in Older Adults leads to a noncredit certificate, Introduction to Working with Older Adults.

HEALTH 985, Nurse Assistant Pre-Certification Foundational Training 0 units

- Prerequisite: Admission to the Nurse Assistant/Home Health Aide Pre-certification Program. Corequisite: HEALTH 986 The California Department of Health requires students to be concurrently enrolled in HEALTH 985 (theory) and HEALTH 986 (lab) and pass both courses together. They cannot be taken individually for credit.

This course is designed for students who have expressed an interest in a healthcare career. This course consists of 72 hours of classroom instruction as required by the California Department of Public Health. The content meets Title 22 Health and Safety Code regulations for nursing assistants taking care of the geriatric population in a long-term care setting. Emphasis is placed on the role of nurse assistant, communication/interpersonal skills, prevention and management of catastrophe and unusual occurrences, body mechanics, medical and surgical asepsis, weights and mea-

asures, patient care skill, patient care procedures and emergency procedures vital signs, nutrition, emergency procedures, long term care, rehabilitative nursing, observation and charting, death and dying, and patient/resident abuse.

HEALTH 986, Nurse Assistant Pre-Certification Foundational Clinical Training Lab 0 units

- Prerequisite: Admission to the Nurse Assistant/Home Health Aide Pre-certification Program. Corequisite: HEALTH 985 The California Department of Health requires students to be concurrently enrolled in HEALTH 985 (theory) and HEALTH 986 (lab) and pass both courses together. They cannot be taken individually for credit.

This course is designed for students who have expressed an interest in a healthcare career. This course consists of 108 hours of supervised practice in a simulated patient care setting and direct patient care in a long-term facility and/ or home care setting as required by the California Department of Public Health. The content meets Title 22 Health and Safety Code regulations for nursing assistants taking care of the geriatric population in a long-term care setting. Emphasis is placed on patient care skills related to prevention and management of catastrophe and unusual occurrences, body mechanics, medical and surgical asepsis, weights and measures, patient care skill, patient care procedures, emergency procedures, vital signs, nutrition, long term care, rehabilitative nursing, and observation and charting.

HEALTH 987, Home Health Aide Pre-Certification Foundational Training 0 units

- Prerequisite: HEALTH 985 and HEALTH 986. Corequisite: HEALTH 988 The California Department of Health requires students to be concurrently enrolled in Health 987 Home Health Aide Precertification Foundational Training (theory) and Health 988 Home Health Aide Precertification Foundational Training (lab) and pass both courses together. They cannot be taken individually for credit.

This course is designed for students who have completed Health 985 and 986 or are a Certified Nurse Assistant who have expressed an interest in caring for individuals in the home setting. The training consists of 27 hours of classroom instruction as required by the California Department of Public Health. The content meets Title 22 Health and Safety Code regulations for certified nurse assistants caring for individuals in a home health and/or assisted living health-care setting. Emphasis is placed on the home health aide and agency role, interpretation of medical and social needs of people being served, personal care services, nutrition and cleaning and care tasks in the home.

HEALTH 988, Home Health Aide Pre-Certification Training Clinical Lab **0 units**

Prerequisites: HEALTH 985 and HEALTH 986. After completion of Health 985 and Health 986, students are eligible to take the California Department of Public Health Nurse Assistant Certification exam and enroll in Health 987 and Health 988 Home Health Aide courses. Corequisite: HEALTH 987 The California Department of Health requires students to be concurrently enrolled in Health 987 (theory) and Health 988 (lab) and pass both courses together. They cannot be taken individually for credit.

This course is designed for students who are Certified Nurse Assistants who have expressed an interest in caring for individuals in the home setting. The training consists of 27 hours of supervised patient care experiences in a long term care or home health setting as required by the California Department of Public Health. The content meets Title 22 Health and Safety Code regulations for certified nurse assistants caring for individuals in home health and assisted living healthcare settings. Emphasis is placed on patient care skills as it relates to the home health aide and agency role, interpretation of medical and social needs of people being served, personal care services, nutrition and cleaning and care tasks in the home.

Hebrew

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

HEBREW 1, Elementary Hebrew I **5 units**

Transfer: UC, CSU
IGETC Foreign Language (required for UC only)
Satisfies Global Citizenship

- Prerequisite: None.

This course teaches the primary fundamentals of classical and modern Hebrew. Grammar and pronunciation, as well as reading and writing skills are developed. The approach is modified audio-lingual utilizing both spoken and written Hebrew. Examples are taken from traditional sources and modern Israeli culture and customs.

HEBREW 2, Elementary Hebrew II **5 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities), Foreign Language (required for UC only)
Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Hebrew 1*.

This course completes instruction in the essential fundamentals of the Hebrew language. Reading, writing, pronunciation, and advanced grammar are taught. Examples are taken from both traditional sources and modern Israeli culture and customs.

**The advisory for this course is comparable to two years of high school Hebrew.*

HEBREW 3, Intermediate Hebrew 1 **5 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)
Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Hebrew 2*.

This course covers the linguistic, cultural and historical elements that are essential for acquiring Hebrew language at the intermediate level. Class discussions, writing assignments and tests are based on a variety of literary, cultural and historical readings and materials. This course provides an in depth review of the Hebrew grammar, verb system, idioms and vocabulary. Students develop more sophisticated and structurally advanced writing skills. This course is taught in Hebrew except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to three years of high school Hebrew.*

HEBREW 4, Intermediate Hebrew 2 **5 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)
Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Hebrew 3*.

This course covers the linguistic, cultural and historical elements that are essential for acquiring Hebrew language at the high intermediate level. Class discussions, writing assignments and tests are based on a variety of films and readings from diverse literary genres. This course provides an in depth review of the Hebrew grammar, verb system, idioms and vocabulary. Students refine their writing skills. This course is taught in Hebrew except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to four years of high school Hebrew.*

HEBREW 8, Conversational Hebrew **2 units**

Transfer: UC, CSU
• Prerequisite: Hebrew 2.

This course provides an opportunity for students to acquire intermediate fluency in spoken Hebrew with emphasis on natural, colloquial usage.

Applied and service-learning field experience within a public agency, educational institution, and citizen volunteer groups is a requirement of this class.

HEBREW 99, Applied Learning in Hebrew **1 unit**

Transfer: CSU
Corequisite: Any course in Hebrew.
This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

History

Historians study, assess, and interpret the past to determine what happened and why. They examine court documents,

diaries, letters, and newspaper accounts; they conduct research, write, teach, evaluate and make recommendations. Schools, universities, libraries, museums, government offices, and private enterprise are some of the job settings for history majors. Some related career titles include archivist, biographer, congressional aide, Foreign Service officer, FBI/CIA agent, lobbyist, and genealogist agent.

HIST 1, History of Western Civilization I 3 units

Transfer: UC, CSU

C-ID: HIST 170.

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the development of Western Civilization from its beginnings in the valleys of the Tigris-Euphrates and Nile Rivers to Europe of the 16th century. It addresses cultures of the Near East, Greece, and Rome; the medieval period; the Renaissance; and the Reformation, introducing the social, economic, political, intellectual, and artistic transformations that shaped what came to be known as the West.

HIST 2, History of Western Civilization II 3 units

Transfer: UC, CSU

C-ID: HIST 180.

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the transformations of Western Civilization from the 16th century into the 21st century. It addresses social, economic, political, intellectual, and artistic transformations that relate to the development of nation-states, industrialization, imperialism, and international conflicts and migration.

HIST 3, British Civilization I 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the development of British Civilization from Roman times to the Restoration of 1660. It addresses the significant social, economic, political, intellectual, and artistic transformations that shaped British and Irish history, from Roman occupation through the medieval period and the political and religious upheavals of the English Reformation, Civil Wars, and Restoration.

HIST 4, British Civilization II 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the development of British Civilization from the Restoration of 1660 into the early twenty-first century. It addresses the significant social, economic, political, intellectual, and artistic transformations that shaped British and Irish history, including the development of a constitutional monarchy, the industrial revolution, establishment of a global empire, Irish independence, involvement in world wars, the emergence of Thatcher conservatism, and beyond.

HIST 5, History of Latin America 1 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the history of Latin America, from its pre-Columbian origins to the end of the colonial period in the early nineteenth century. Using a thematic and chronological approach, it addresses the initial encounters between pre-Columbians, Iberians, and West Africans; the subsequent development of Iberian political, economic, social, and cultural colonialism; and the movements for political change.

HIST 6, History of Latin America 2 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys modern Latin American history from independence to the present. Using a thematic and chronological approach, it addresses post-colonial developments in Mexico, Central and South America, and the Caribbean, including such topics as the social and cultural challenges of nation-building and economic growth through periods of political conflict to contemporary globalization.

HIST 10, Ethnicity and American Culture 3 units

Transfer: UC (meets UC Berkeley American Cultures graduation requirement), CSU

+ satisfies CSU U.S. History graduation requirement

IGETC AREA 3B (Humanities) or 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys ethnic groups in America from pre-contact to the present, including Native Americans, European Americans, African Americans, Asian Americans, and Latinos, emphasizing the forces prompting emigration and immigration, their roles in shaping American society and culture, their reception by and adaptation to American society, as well as an examination of contending theoretical models of the immigrant experience in America.

HIST 11, United States History Through Reconstruction 3 units

Transfer: UC, CSU

C-ID: HIST 130.

IGETC AREA 3B (Humanities) or 4 (Social & Behavioral Sciences)

+ satisfies CSU U.S. History graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the United States from the colonial period through post-Civil War Reconstruction, addressing developments in American culture; ethnic, racial, gender, and class relations; politics; and the economy. It also considers American interaction with other nations, including both foreign policy and the relationship of domestic developments to the larger history of the modern world.

HIST 12, The United States History Since Reconstruction **3 units**

Transfer: UC, CSU

C-ID: HIST 140.

IGETC AREA 3B (Humanities) or 4 (Social & Behavioral Sciences)

+ satisfies CSU U.S. History graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the United States from post-Civil War Reconstruction to the present, addressing developments in American culture; ethnic, racial, gender, and class relations; politics; and the economy. It also considers American interaction with other nations, including both foreign policy and the relationship of domestic developments to the larger history of the modern world.

HIST 13, United States History After 1945 **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course addresses political, social, cultural, economic, and international developments of the U.S. from 1945 to the present. Major topics include the emergence of political consensus then polarization, the economics and demographics of suburbanization, the Civil Rights movement; the Cold War, including the Vietnam War, and its aftermath; trends related to environmentalism, immigration, and technology, and responses to 9/11.

HIST 14, U.S. Environmental History **3 units**

Transfer: UC, CSU

+ satisfies CSU U.S. History graduation requirement

IGETC Area 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the environmental history of the United States from earliest human migration to the present, focusing on the complex and consequential ways people have perceived, relied on, interacted with, and been impacted by the natural world. Topics include diverse patterns of interaction with land, water, plants, animals, and energy sources, as well as the economic, political, social, cultural, technological and global aspects of these patterns.

History 14 is the same course as Environmental Studies 14. Students may earn credit for one, but not both.

HIST 15, Economic History of the U.S. **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities) or 4 (Social and Behavioral Science)

+ satisfies CSU U.S. History graduation requirement

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a chronological study of American economic history by major areas, including agriculture, industrial development, money, banking, and transportation. The roles of business, labor, and government are given a particular emphasis.

History 15 is the same course as Economics 15. Students may earn credit for one, but not both.

HIST 16, African-American History **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys African-American history from its beginnings in Africa through slavery, abolition, the Civil Rights movement, and into the present. The course will pay particular attention to the development of internal and external definitions of freedom and equality and to the influences of African Americans on the social, economic, political, and cultural development of the United States.

HIST 19, History of Mexico **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys Mexican history from pre-Columbian civilizations to the present. It addresses such major political, economic, social, and cultural developments as the Spanish conquest and colonial era; nineteenth-century struggles for independence; and political and economic transitions of the twentieth- and twenty-first centuries.

HIST 20, History of California **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys Californian history from its earliest settlement to the present. It addresses political, economic, social, cultural, and external developments that accompanied the state's transformation from the Native American through the Spanish, Mexican, and American periods.

HIST 21, History of Russia **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the history of Russia from the 10th Century to the Present. Students will learn about the significant political, social, economic, and cultural transformations that shaped Russian historical development including its embrace of Christianity in the 10th Century, the rise of the Romanov Dynasty and the establishment of Russia as a powerful multi-ethnic state and empire. Moving chronologically, students will learn about the the rise of Soviet-style Communism, the totalitarian state created by Josef Stalin, the USSR's during the Cold War including its engagement with Eurasian, African, and Latin American states, and they will gain a meaningful understanding of Russian history in the global era and thereby its role in contemporary international affairs.

HIST 22, History of the Middle East **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the history of the Middle East, from the ancient civilizations of the Tigris-Euphrates river valley to the present. Major topics include the religious, ethnic, social and political differences that developed prior to and since

the emergence of Islam; the establishment of new states following the world wars, and the 21st-century engagement with globalizing trends.

HIST 24, History of East Asia to 1600 **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys East Asian history to 1600, tracing the rise of classical Chinese civilization and the subsequent dispersion of this culture to Korea and Japan. Addressing the connections, convergences, and divergences in the histories of China, Japan, and Korea, it examines such topics as the earliest state-formations and the emergence and maturation of market economies and popular cultures prior to the modern era.

HIST 25, History of East Asia Since 1600 **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the development of China, Japan, and Korea from 1600 through their linked yet distinct modern transformations. It addresses such topics as early encounters with imperialism; divergent paths of 20th-century social, political, economic and intellectual change; world war, civil wars, and revolution; and their economic growth and social transformation in recent decades.

HIST 26, South Asian Civilization I **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys South Asian history from the Indus Valley civilization to the Mughal Empire, offering an overview of the social, intellectual, cultural, political and economic patterns in the region that encompasses modern India, Pakistan, Bangladesh, Sri Lanka and Nepal. It highlights such major themes and events in the development of South Asian civilization as Aryan influence, the emergence of Hinduism and Buddhism, and the impact of Islam.

HIST 27, History of Southeast Asia **3 units**

Transfer: UC, CSU

IGETC Area 4 (Social and Behavioral Sciences)

- Skills Advisory: Eligibility for English 1.

This course surveys Southeast Asian history up to the present. It examines topics such as religion and cultural change; women and gender; colonialism, decolonization, and the Cold War; economic and environmental change, within a regional and global context.

HIST 28, Modern Europe: 1914 to the Present **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course examines the domestic and global politics of and between European states since 1914, exploring such topics as nationalism, imperialism, totalitarianism, decolonization, migrations, and European integration. The course will

analyze these topics in relation to major events of the time period, including the World Wars, formation and collapse of the Soviet Union and its satellite system, creation of the European Union, and disputes and cooperation between European states in the contemporary era of globalization.

HIST 29, Jewish History **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the Jewish people and their history from biblical times to the present. The focus is on the development of major institutions, ideas, religious and cultural movements as well as the interaction between Jews and those amongst whom they have lived, from ancient Israel through the global diaspora.

HIST 32, Global Environmental History **3 units**

Transfer: UC, CSU

IGETC Area 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys global environmental history from early human evolution to the present, focusing on the complex and consequential ways people have perceived, relied on, interacted with and been impacted by the natural world. Topics include the diverse patterns of interaction with land, water, plants, animals, and energy sources, as well as their economic, political, social, cultural, and technological aspects in the local, regional, and global context. *History 32 is the same course as Environmental Studies 32. Students may earn credit for one, but not both.*

HIST 33, World Civilizations I **3 units**

Transfer: UC, CSU

C-ID: HIST 150.

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys world history from the rise of humanity to 1500, addressing human impact on the physical environment, the domestication of plants and animals, and the establishment of complex cultures. A thematic and chronological approach is used to examine the major civilizations of Africa, Asia, the Middle East, the Americas, and Europe in terms of their political, social, economic, intellectual, and cultural development and their inter-regional relations.

HIST 34, World Civilizations II **3 units**

Transfer: UC, CSU

C-ID: HIST 160.

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys world history from 1500 to the present, addressing major developments that contributed to global change. A thematic and chronological approach will be used to examine the economic, social, intellectual, cultural, and political transformations associated with development of and resistance to colonialism and imperialism, technological and industrial change in Africa, the Americas, Asia, Europe,

and the Middle East, through the twentieth-century wars and global transitions that shape the contemporary world.

HIST 38, African History I **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the political, economic, social, religious, and intellectual activities of African civilizations from the emergence of humankind to the eve of colonial conquest. It addresses such topics as early human settlements, the establishment of regional and Islamic states, the emergence and development of European imperialism, and African independence movements. It also traces the influence of the African diaspora on the Caribbean area and Brazil.

HIST 39, African History II **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys African history from the eve of 1900 to the present, addressing such topics as African resistance to conquest; experiences with colonialism; settler colonialism in southern Africa; the rise of national liberation movements and achievement of independence, and the challenges of post-colonial nation building. It examines contemporary Africa through a review of economic, urban, rural, gender, and environmental concerns; kinship, and religion.

HIST 41, Native-American History **3 units**

Transfer: UC, CSU
+ satisfies CSU U.S. History graduation requirement
IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys Native-American history from earliest settlement to the present, addressing such topics as colonial-era interactions with Europeans, the development of U.S. Indian policy, and the effort to reclaim sovereign rights. Focusing primarily on native peoples of the United States, this course pays particular attention to the development of internal and external definitions of freedom and equality and to the influence of Native Americans on the social, economic, political, and cultural development of America.

HIST 42, The Latina/o Experience in the United States **3 units**

Transfer: UC, CSU
IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course provides a comparative historical survey of the political, cultural, social, and economic experiences of Latinos/as in the United States, concentrating on major demographic groups. Topics include migration and immigrant settlement, economic integration, and the formation of group identities among and politicization of Chicanos, Central Americans, and Cuban, Puerto Rican, and other Caribbean Americans.

HIST 43, Mexican-American History **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the history of the US Southwest from Native-American settlement through the periods of foreign colonization and conquest to contemporary times. Focusing primarily on Mexican Americans in this border region and, more currently, throughout the nation, the course pays particular attention to the development of internal and external definitions of freedom and equality and to the influence of Mexican Americans on the social, economic, political, and cultural development of America.

HIST 47, The Practice of History **3 units**

Transfer: UC, CSU
IGETC Area 1B (Critical Thinking) OR 4F (Social and Behavioral Sciences)

- Prerequisite: English 1.

This course presents an overview of historians' methods of research, critical analysis, and written argumentation and introduces historiography and historical theory. Students will apply these methods through a variety of extensive writing projects, leading to a properly documented academic research paper. The research component of the course strengthens students' information competency skills.

HIST 52, The History of Women in American Culture **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the history of American women from diverse communities, from the fifteenth century through the modern women's movement to the present. It addresses such topics as traditional gender roles; their transformation through war, industrialization, reform movements, and cultural modernity; and relationships between women of different races and ethnicities. The course will pay particular attention to the development of internal and external definitions of freedom and equality and to women's influence on the social, economic, political, and cultural development of the United States.

HIST 53, The History of Religion **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys major themes and trends in the history of religion from prehistoric times to the present. Analyzing the essential principles and global historical context of such religions as Buddhism, Taoism, Confucianism, Shinto, Hinduism, Judaism, Christianity, Islam, and tribal and contemporary religions, it addresses the cultural, political, social and other roles religion has played throughout history.

HIST 55, History of Science **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities) or 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the history of science from its earliest beginnings through the theories of the ancient Greeks to contemporary debates. Examining the role of science, technology, and medicine in the history of various world cultures, it focuses on how knowledge of nature is influenced by specific philosophical, political, religious, and social contexts.

HIST 62, Asian-American History 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

A survey of Asian American history from the immigration period to the present, this course stresses the political, economic, social, and cultural factors which affected Asian Americans and their impact on U.S. history.

HIST 88A, Independent Studies in History 1 unit

Transfer: CSU
Please see “Independent Studies” section.

HIST 88B, Independent Studies in History 2 units

Transfer: CSU
Please see “Independent Studies” section.

HIST 90A, Internship in History 1 unit

Transfer: CSU
Please see “Internships” section.

Humanities

HUM 26, Introduction to the Humanities 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)

- Prerequisite: English 1.

In this introduction to the humanities students will survey literature in conjunction with great works of art through the ages (painting, sculpture, music, architecture, dance) exploring how, at widely separated points in time, artists and writers have expressed and responded to cultural, political, and intellectual concerns of their day. In doing so, they will see literature in the context of other art forms.

Humanities 26 is the same course as English 26. Credit may be earned for one, but not both.

HUM 28S, Contemporary Life in China 2 units

Transfer: UC, CSU
• Prerequisite: None.

This course offers an introduction to the social, cultural, economic, and political patterns of life in today’s People’s Republic of China. Study tours to local centers of Chinese culture or to the People’s Republic; plays; seminar discussions; readings; and other cultural opportunities will be utilized to understand contemporary China.

HUM 88A, Independent Studies in Humanities 1 unit

Transfer: CSU
Please see “Independent Studies” section.

HUM 88B, Independent Studies in Humanities 2 units

Transfer: CSU
Please see “Independent Studies” section.

HUM 9A, South Asia: Culture and Civilization 3 units

Transfer: UC, CSU
IGETC AREA 3B (Humanities)
Satisfies Global Citizenship

- Prerequisite: None.

This course explores popular and traditional cultures and civilizations of South Asia through an interdisciplinary perspective. The course examines the characteristic qualities of the region with a focus on its religious and linguistic traditions, music, art forms, and literatures.

Independent Studies

Independent study is intended for advanced students interested in doing independent research on special study topics. To be eligible, a student must demonstrate to the department chairperson the competence to do independent study. To apply for Independent Studies, the student is required, in a petition that may be obtained from the department chair, to state objectives to be achieved, activities and procedures to accomplish the study project, and the means by which the supervising instructor may assess accomplishment. Please see discipline listing for details. A maximum of six units of independent studies is allowed. Granting of UC transfer credit for an Independent Studies course is contingent upon an evaluation of the course outline by a UC campus.

Interaction Design

Interaction Design (IxD) is an innovative new baccalaureate degree program that blends the fields of design, user experience, and technology to create user-friendly interfaces with the platforms people use every day, such as smart appliances, mobile devices, and the web. Interaction designers ensure that products are appealing, effective, and intuitive for users. In this program, students will develop proficiency in the skills necessary to enter this well-paid and exciting field. The following courses are upper division courses that are part of Santa Monica College’s Bachelor of Science degree program in Interaction Design. Enrollment is limited to admitted program participants. For more information, please see ixd.smc.edu. Transferability of these courses will be determined on a case-by-case basis by the transfer institution.

IXD 310, Interaction Design Studio 1 3 units

Transfer: CSU
• Prerequisite: Admission to the Bachelor of Science in Interaction Design.

With the prevalence of the computer in contemporary culture, Interaction Design has emerged as a practice that determines how people engage with technology. This course examines the specific field of Interaction Design; its history, human-centered design principles, and screen-based interaction patterns. Students learn how to design the behavior of interactive digital interfaces and gain an understanding of how design decisions impact a user’s experience and the overall success of a product. Students

analyze historical examples, contemporary user interfaces, and their own designs. Students also learn how to design, justify, and articulate using human-centered design principles and screen-based interaction patterns.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 330, Interaction Design Studio 2 **3 units**

Transfer: CSU

- Prerequisite: Interaction Design 310.

Microinteractions, found in every user interface, are designed moments (e.g. log in, copy and paste, on or off) that are an integral part of every interface. This course reveals these seemingly invisible interactive controls, providing an overview of specific platforms, paradigms, and affordances. The studio prepares students to create task oriented end-to-end user experiences and interaction flows. Students learn how to design at the micro scale, exploring appropriate forms, states, feedback, and loops based on different contexts and user goals. Through iterative methodologies, students learn to refine the details of a specific feature interaction. Collaborating directly with users and fellow classmates, students prototype, critique, and test existing interaction examples and their own microinteraction designs. Students develop a critical understanding of how interactive forms communicate and influence a user's behavior.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 350, Interactive Storytelling **3 units**

Transfer: CSU

- Prerequisite: Admission to the Bachelor of Science in Interaction Design.

This design course focuses on the storytelling component of interaction design with a special focus on prototyping and motion graphics. Exploring different types of prototyping, from paper prototypes to digital, screen-based prototypes (e.g. web-based tools, video prototypes), students use storytelling to describe experiences in interaction design. Students use a hands-on approach to design a better experience for end users by sketching, storytelling, experimenting, making and testing. Students create prototypes at different levels of fidelity using appropriate tools and technologies.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 360, Product Design **3 units**

Transfer: CSU

- Prerequisite: Interaction Design 350.

This course provides a hands-on introductory experience to the history, contemporary methodologies, and emerging practices of Product Design. This studio teaches students to think through "making" and includes in-class workshops on 3D modeling and rapid-prototyping. Students cross design disciplines and toolsets, using 3D forms to solve problems, act out new capabilities, and connect to other devices, objects, and people. The projects in this course are fast-paced, collaborative, and experimental.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 370, Design for Community Change **3 units**

Transfer: CSU

- Prerequisite: Interaction Design 330.

In this course, students work with a variety of organizations addressing a community need to design and develop a project with social impact. Students apply a variety of user experience and interaction design skill sets to work collaboratively with community stakeholders in identifying and helping to solve a need. Through this experience, students recognize and demonstrate many interaction design practices related to research, analysis, concept, design and prototyping to work on a project designed to serve a community need.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 410, Project Management for Design **2 units**

Transfer: CSU

- Prerequisite: Admission to the Bachelor of Science in Interaction Design.

This course contextualizes project management for interaction designers. Project Management for Design provides a comprehensive overview of current design development processes and tools used to successfully deliver a high-quality project on time. Students will learn to clearly communicate with clients and manage the design process while integrating design objectives into the overall development timeline. Students will develop leadership skills, learn to plan, organize, motivate, and control resources based on project goals.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 430, Interaction Design Studio 3 **3 units**

Transfer: CSU

- Prerequisite: Interaction Design 330.

Students design for the complexities of large scale systems, services, and digital networks. The course provides a survey of current system design, information architecture, and topics in interaction design such as The Internet of Things. Working in teams modeled after professional studios, students conduct exploratory ethnographic research to form novel strategies, concepts, maps, user narratives, and models for our increasingly complex world of networked objects, spaces, and people. This course encourages students to leverage team brainstorming and critiques in order to develop consistency through an entire ecosystem.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 450, Interaction Design Portfolio **2 units**

Transfer: CSU

- Prerequisite: Interaction Design 430.

This course provides the interaction design student the opportunity to develop work under the supervision of the instructor on a one-to-one basis and to develop the skill to talk about their body of work in a professional setting. Emphasis is placed on developing a portfolio that displays a

comprehensive understanding of industry expectations for a UX/interaction designer.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 460, Tangible Interaction 3 units

Transfer: CSU

- Prerequisite: Interaction Design 360.

Students explore the design of user interfaces that blend digital and physical interactions. Working with creative technologies such as microcontrollers, sensors, and actuators, students create functional prototypes that explore new interaction techniques, principles, and strategies. This course immerses students into prototyping through hands-on class workshops and research into contemporary examples such as the Internet of Things, Smart Objects, and Voice User Interface (VUI). Students explore the expressive capabilities of technology through user observations, affordances, and converting physical action into digital information. *This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.*

IXD 470, Interaction Design Senior Studio 3 units

Transfer: CSU

- Prerequisite: Interaction Design 430; Prerequisite/Corequisite: Interaction Design 410 (Interaction Design 410 can be taken concurrently with Interaction Design 470).

This course focuses on an industry-sponsored project in which students use their integrated skills to create a forward-looking design in response to a real-world brief provided by the industry partner in collaboration with the faculty. This is a capstone course where students work in small teams and build on the knowledge and skills they acquired in earlier course work. The course is organized around a project that requires student teams to explore various design concepts and alternatives as well as explore recent practices, tools, and systems that may be related to the project. Students will design and produce a prototype as part of a team. Considering the pace of the development of the project, this requires students to engage in a considerable amount of independent as well as team-based learning.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 480, Design for the Future 3 units

Transfer: CSU

- Prerequisite: Interaction Design 460.

This course introduces the students to a set of emerging technologies, new interfaces and developing mediums which will shape the design landscape 5 to 10 years from now -- focusing on machine learning, computer-mediated realities and immersive environments. The goal of the course is to help the students prepare for the jobs that might not even exist yet and to equip them with the tools and methodologies that will help them to quickly learn and adapt to the rapidly changing nature of digital design.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 481, Independent Studies in Interaction Design 1 unit

Transfer: CSU

- Prerequisite: Admission to the Bachelor of Science in Interaction Design.

This course is for upper division students interested in doing an independent research project in the field of Interaction Design. NOTE: The student must receive approval from the Department Chair prior to enrolling in this course.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 482, Independent Studies in Interaction Design 2 units

Transfer: CSU

- Prerequisite: Admission to the Bachelor of Science in Interaction Design.

This course is for upper division students interested in doing an independent research project in the field of Interaction Design. NOTE: The student must receive approval from the Department Chair prior to enrolling in this course.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 483, Independent Studies in Interaction Design 3 units

Transfer: CSU

- Prerequisite: Admission to the Bachelor of Science in Interaction Design.

This course is for upper division students interested in doing an independent research project in the field of Interaction Design. NOTE: The student must receive approval from the Department Chair prior to enrolling in this course.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 491, Interaction Design Internship 1 unit

Transfer: CSU

- Prerequisite: Admission to the Bachelor of Science in Interaction Design.

This internship program provides students with the opportunity to work with a local firm to apply UX/IxD principles. Students become acquainted with the career fields in user experience design and interaction design by working in a professional design, entertainment, or technology company. Students spend a minimum of 60 hours during the term under the supervision of a design professional. Learning objectives and exit internship evaluation are required. Limited availability.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 492, Interaction Design Internship 2 units

Transfer: CSU

- Prerequisite: Admission to the Bachelor of Science in Interaction Design.

In this internship program, students will work with a local firm to apply UX/IxD principles. Students become acquainted with the career fields in user experience design and interaction design by working in a professional design, entertainment, or technology company. Students spend a

minimum of 120 hours during the term under the supervision of a design professional. Learning objectives and exit internship evaluation are required. Limited availability.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

IXD 493, Interaction Design Internship 3 units

Transfer: CSU

- Prerequisite: Admission to the Bachelor of Science in Interaction Design.

In this internship program, students will work with a local firm to apply UX/IxD principles. Students become acquainted with the career fields in user experience design and interaction design by working in a professional design, entertainment, or technology company. Students spend a minimum of 180 hours during the term under the supervision of a design professional. Learning objectives and exit internship evaluation are required. Limited availability.

This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.

Interior Architectural Design

See also "Architecture"

The award winning Interior Architectural Design program provides a thorough and analytical foundation that enables students to practice professionally and serve their community with safe, functional, and innovative interior spaces. The program is designed to meet the industry's need for creative professionals who excel in developing ideas and have the technical proficiency to execute them. Our instructors are experienced professionals who bring first-hand knowledge of industry practices to the classroom and work in close collaboration with industry advisors to keep up with trends and changing requirements. In addition, participating companies often provide guest speakers and student internships. We offer day, evening and weekend classes to provide educational opportunities to all students. In addition, selected Interior Architectural Design courses are offered online through SMC's Distance Education program. To learn more about the program, please visit smc.edu/designtech.

IARC 15, 2D Color Theory 3 units

Transfer: UC, CSU

- Prerequisite: None.

Formerly INTARC 34.

This course addresses basic color design theory and application. Students utilize tools, materials, and equipment to develop technical skills applicable to interior, architectural and other related fields of design. Students identify cultural heritages, the psychological implications of design and are introduced to Computer Palettes.

IARC 20, Studio 2: Interior Architecture 3 units

Transfer: CSU

- Advisory: ARC 10, ARC 11.

Formerly INTARC 31.

A studio course which focuses on the development of context and precedent while designing interior architectural

spaces and forms. Simple built environments are developed using design principles in context with spatial relationships, human interaction, and materiality. Emphasis is placed on the design process, human experience, and space planning. Visual and oral presentations are used in the development of a course portfolio.

IARC 25, Materials and Products for Interior Architectural Design 3 units

Transfer: CSU

- Prerequisite: None.

Formerly INTARC 36.

This course analyzes, applies, and evaluates construction materials, finishes, furnishings, and resources used in Interior Architectural Design through lectures and field trips. Topics of discussion include methods of detailing, fabrication, product innovation, as well as sustainability issues.

IARC 30, Studio 3: Interior Architecture 3 units

Transfer: CSU

- Advisory: ARC 20 or IARC 20, and ARC 21

Formerly INTARC 40.

Develop interior projects with an emphasis on concept development. Explore questions of sustainability, culture, and social responsibility within the context of buildings which are responsive to the environment and people utilizing them. Emphasis is placed on research, analysis, and conceptualization of ideas. Visual and oral presentations are used in the development of a course portfolio.

It is recommended to take ARC 31 Design Communication 3 at the same time.

IARC 35, Fundamentals of Lighting 3 units

Transfer: CSU

- Advisory: ARC 11.

Formerly INTARC 44.

Exploration of natural light and lighting technology as an integrated component of design for interiors and architecture. Topics include lighting system basics, lighting and the design process, human factors, sustainability, and regulations.

IARC 40, Studio 4: Interior Architecture 3 units

Transfer: CSU

- Advisory: ARC 30 or IARC 30, and ARC 31

Formerly INTARC 45.

Further design exploration in commercial and mixed-use spaces with more complex programs. Existing building is analyzed in terms of program, building systems, structure, form, and sustainability. Emphasis is placed on research and analysis of social, cultural, and environmental issues while collaborating with industry partners. Visual and oral presentations are used in the development of a course portfolio.

It is recommended to take ARC 41 Design Communication 4 at the same time.

IARC 45, Building Systems and Codes 3 units

Transfer: CSU

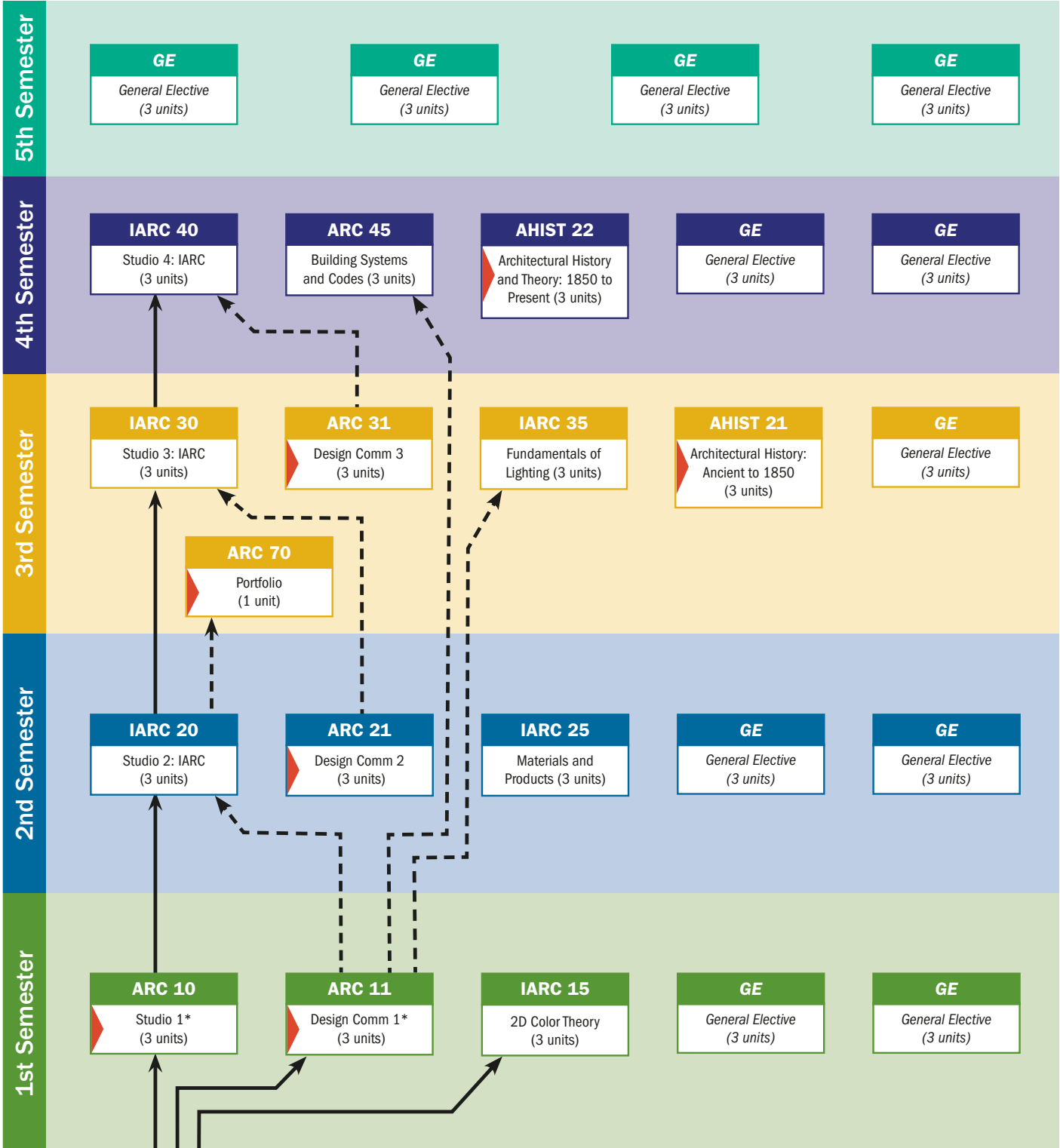
- Advisory: ARC 20 or IARC 20.

Formerly INTARC 50.

This course explores the components of interior construction and building systems and examines current building requirements including federal, state, and local codes, regulations, and standards.

INTERIOR ARCHITECTURAL DESIGN COURSE SEQUENCE

Course Descriptions



Start Here

Critical Course = *

Required ARC & IARC = ▶

Critical Path = →

Skills Required = - - - →

Certificate requires the above core courses

Degree requires the above core courses in addition to general education requirements

IARC 53, Production Design for Film and TV 1 3 units

Transfer: CSU

- Advisory: ARC 11

Formerly INTARC 37.

This lecture course examines the Motion Picture Industry as it relates to the Art Department of Film and TV, specifically focusing on the job of the Production Designer, Art Director, Set Decorator, and Set Designer. The course emphasizes personal, educational, and professional qualifications required for entry into the Motion Picture Industry as a professional Production Designer, Art Director, Set Decorator, and Set Designer.

IARC 55, Sustainable Design 3 units

Transfer: CSU

Formerly INTARC 39.

This course provides a detailed introduction to the concepts, principles, systems, and materials of sustainable design for interiors and architecture. Students learn compatible approaches to renewable, healthy and environmentally responsive design affecting the local and global client.

IARC 56, Contemporary Spatial Design Studies 3 units

Transfer: CSU

*Satisfies Global Citizenship**Formerly INTARC 71.*

This course is a comprehensive visual/lecture study of 20th and 21st century spatial and interior design theory and practice from the turn of the 20th century through the most current international designs today. Emphasis is on design styles, materials, ornamentation, and techniques. Course is directed toward careers in interior design and related spatial design fields encompassing both residential and commercial projects.

IARC 63, Production Design for Film and TV 2 3 units

Transfer: CSU

- Advisory: IARC 53 or ARC 11

Formerly INTARC 52.

This studio course features hands-on skills in production design for Film and TV. The course specifically focuses on design research, analysis, development, and presentation. Students learn to research and develop project from script to screen. Students produce set designs for Feature Film and TV.

IARC 88A, Independent Studies in Interior Architectural Design 1 unit

Transfer: CSU

Please see "Independent Studies" section.

IARC 88B, Independent Studies in Interior Architectural Design 2 units

Transfer: CSU

Please see "Independent Studies" section.

IARC 88C, Independent Studies in Interior Architectural Design 3 units

Transfer: CSU

Please see "Independent Studies" section.

IARC 90A, Interior Architectural Design Internship 1 unit

Transfer: CSU

Please see "Internships" section.

IARC 90B, Interior Architectural Design Internship 2 units

Transfer: CSU

Please see "Internships" section.

IARC 90C, Interior Architectural Design Internship 3 units

Transfer: CSU

Please see "Internships" section.

Italian

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

ITAL 1, Elementary Italian I 5 units

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

Using the communicative approach, this course stresses the fundamentals of pronunciation, grammar, practical vocabulary, useful phrases, and the ability to understand, speak, read, and write simple Italian. Using fundamental sentence structures in the present and past tenses, students practice speaking and holding simple conversations in class and writing compositions. Lectures and discussions are included covering geography, customs and culture in Italy. The course is conducted in Italian except in cases of linguistic difficulty as determined by the professor.

ITAL 2, Elementary Italian II 5 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Italian 1*.

This course is a continuation of Italian 1 and completes the elementary grammar. The course stresses the fundamentals of pronunciation, grammar, practical vocabulary, useful phrases, and the ability to understand, speak, read, and write simple Italian. Using fundamental sentence structures in the present and past tenses, students practice speaking and holding simple conversations in class and writing compositions. The course includes the reading of simplified texts with emphasis on oral expression and further study of Italian history and culture. The course is conducted in Italian, except in the case of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to two years of high school Italian.*

ITAL 3, Intermediate Italian I 5 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Italian 2*.

This course is a review of Italian grammar with special emphasis on idiomatic constructions and expressions. It includes the study and reading, in and out of class, of selected passages from Italian literature. Basic literary analysis and vocabulary building are developed using the selected readings. Emphasis is also placed on the use of learned structures in compositions. This course is conducted in Italian except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to three years of high school Italian*

ITAL 4, Intermediate Italian 2 **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Italian 3*.

This course reviews and refines grammatical concepts covered in the previous levels and further explores other moods and tenses such as the compound tenses, the imperative mood and indirect discourse. Culture, literature, vocabulary enhancement, and conversation are core elements of the curriculum. The course increases awareness of the Italian culture, history, literature, geography, and customs, including socio-political practices and cultural artifacts through reading and writing assignments, as well as oral presentations. It is taught in Italian except in cases of extreme difficulty as determined by the professor. It prepares students for literature and civilization classes.

**The advisory for this course is comparable to four years of high school Italian.*

ITAL 8, Conversational Italian **2 units**

Transfer: UC, CSU

- Prerequisite: Italian 2.

This course provides an opportunity to acquire intermediate fluency in spoken Italian with emphasis on natural, colloquial usage. New vocabulary and idiomatic phrases will be emphasized, and the students will hold conversations in Italian during each class. This course is conducted in Italian except in cases of linguistic difficulty as determined by the professor.

Applied and service-learning field experience within a public agency, educational institution, and citizen volunteer groups is a requirement of this class.

ITAL 99, Applied Learning in Italian **1 unit**

Transfer: CSU

Corequisite: Any course in Italian.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Japanese

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

JAPAN 1, Elementary Japanese I **5 units**

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

This course, using a communicative approach, introduces the student to Japanese sentence structure, basic vocabulary, and the two Japanese phonetic scripts of Hiragana, Katakana, plus a selected number of Kanji. Students learn to ask and answer basic questions and write about simple actions in the present/future and past tenses. They also are introduced to important elements of Japanese culture and customs of the Japanese people. This course is taught in Japanese unless in cases of linguistic difficulty as determined by the professor.

JAPAN 2, Elementary Japanese II **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Japanese 1*.

This course is the continuation of Japanese 1. This course stresses more advanced vocabulary and more advanced sentence structures emphasizing short forms and te-forms. Students further develop oral and aural skills and reading comprehension skills by reading texts on various topics. They also hold conversations in both formal and informal styles of speech, and write compositions using short forms. This course also advances students' knowledge of Japanese culture and traditions. This course is taught in Japanese except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to two years of high school Japanese.*

JAPAN 3, Intermediate Japanese I **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Japanese 2*.

Focusing on four communication skills (listening, speaking, reading and writing), the course builds up a solid foundation for the Intermediate-Low Japanese, to achieve a practical command of language for managing everyday social interactions and routine tasks. The course also familiarizes students of different registers (spoken vs. written) and writing styles ("desu/masu" vs. essay). Reading materials include semi-authentic articles on specific topics and writing focuses on styles as well as multiple paragraph organization. Traditional and current aspects of the Japanese culture are explored throughout the course and studied in reading. This course is taught in Japanese unless in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to three years of high school Japanese.*

JAPAN 4, Intermediate Japanese II**5 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Japanese 3*.

The course builds up a solid foundation for the intermediate-High Japanese and further develops proficiency to be able to manage relatively complex situations. The course also introduces honorific languages, in addition to colloquial informal register. The socially and culturally appropriate use of the language is exercised in a broader range of social contexts. Reading and writing put an extra emphasis on accuracy and pragmatic components as well as fluency. This course is taught in Japanese except in cases of linguistic difficulty as determined by the instructor.

**The advisory for this course is comparable to four years of high school Japanese.*

JAPAN 8, Conversational Japanese**2 units**

Transfer: UC, CSU

- Prerequisite: Japanese 2.

This course provides the student with an opportunity to increase fluency in spoken Japanese with an emphasis on natural, colloquial usage. This course is taught in Japanese except in cases of linguistic difficulty as determined by the professor.

Applied and service-learning field experience within a public agency, educational institution, and citizen volunteer groups is a requirement of this class.

JAPAN 9, Japan: Culture and Civilization**3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)
Satisfies Global Citizenship

- Prerequisite: None.

This course explores Japanese culture and civilization. Employing an interdisciplinary perspective, the course examines the fundamentals of Japanese culture and tradition including Japanese philosophy, religions, art forms, literature, cuisine, and language. The course will be taught in English. No knowledge of Japanese is required.

JAPAN 99, Applied Learning in Japanese**1 unit**

Transfer: CSU

Corequisite: Any course in Japanese.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Journalism

Journalism offers instructional and career technical training in reporting and nonfiction story production across multiple

platforms, including print, photography, video, audio, social media and digital media. Students are trained to develop story ideas, report them, and produce them in suitable formats. Students also learn about news writing, interviewing, reporting, editing, freelancing, photojournalism, multimedia story production, journalism history, media law and journalism ethics. This program prepares students for transfer to upper division courses, as well as offers practical career technical training in the field of journalism. The skills developed in journalism classes help students think critically and develop storytelling techniques in any career they might pursue. Careers in this field include book editor, copywriter, film critic, foreign correspondent, freelance writing, online editor, multimedia story producer, journalist, magazine editor, news anchor, newspaper editor, publicist, sportswriter, and technical writer.

JOURN 1, The News**3 units**

Transfer: UC, CSU

C-ID: JOUR 110.

- Prerequisite: None.
- Advisory: Eligibility for English 1.

An introductory course in planning stories, news gathering, organizing and writing news across multiple platforms. Students learn to report and write news stories based on their own reporting, including original interviews and research, and how to use AP style. Stories include both news and features, and may include covering events, public lectures, meetings and other local stories. Students will be made aware of legal and ethical issues related to journalism.

JOURN 2, Intermediate Newswriting and Reporting**3 units**

Transfer: CSU

C-ID: JOUR 210.

An intermediate news writing and reporting class with a focus on public affairs beats, including local and regional governments, police, schools, courts and other civic agencies. Legal and ethical aspects of the profession are covered. Students will cover both on- and off-campus assignments and topics and explore reporting across multiple platforms

JOURN 4A, Newscasting and Newswriting**3 units**

Transfer: CSU

- Prerequisite: None.

This course familiarizes the students with the expectations of journalism by the public and teaches the student the basic news writing guidelines used in broadcast journalism. Through news writing assignments and exercises, the student will become adept in basic broadcast news writing. *Journalism 4A is the same course as Media Studies 14. Students may earn credit for one, but not both.*

JOURN 7, Engaging Audiences for Journalism and Social Media**4 units**

Transfer: CSU

Student media practicum and lab where students produce engaging social media journalism content for the campus community. Students learn how to plan, pitch, innovate and execute news content pieces across the social and digital landscape. Students collaborate with student newsroom writers, photojournalists, designers and editors to develop audience engagement strategies following media industry

best practices. Students use analytics and metrics to analyze how audiences engage with created content.

JOURN 7 is the same course as MEDIA 25. Students may earn credit for one, but not both.

JOURN 8, Writing to Sell 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: English Assessment Group A.

Students study article-writing opportunities for magazines, newspapers and online media. In this lecture and discussion class, students write freelance articles for submission to commercial and campus publications.

JOURN 15, Introduction to Multimedia Storytelling 3 units

Transfer: CSU

C-ID: JOUR 120.

- Prerequisite: None.

This course provides an introduction to multimedia storytelling with a nonfiction focus. Students learn how to produce multimedia content such as digital videos, audio slideshows, blogs, web pages, podcasts and other emerging digital media content. The course trains students to produce multimedia content for an online news site such as The Corsair, but is also useful for students with a more casual interest in multimedia production. Students also learn about ethical and social issues affecting multimedia storytelling.

JOURN 16, Producing the Campus Newspaper 4 units

Transfer: CSU

C-ID: JOUR 130.

- Prerequisite: None.

Student media practicum and lab where students produce media content with a journalistic focus that is distributed regularly to the campus community. Students work on regular news and feature assignments to produce content across multiple platforms, including print, online, visual (photography) audio, video and emerging formats. Includes practical experience in design, visual storytelling, digital media production, and multimedia reporting. Student produced media with students as production leaders is central to the class.

JOURN 17, Editing the Campus Newspaper 2 units

Transfer: CSU

C-ID: JOUR 131.

- Prerequisite: None.
- Advisory: Journalism 1.

This course provides advanced instruction for student editors of the Corsair newspaper and its online edition. Students assign and copy edit stories and photos, work with writers and photographers on their assignments, design pages, “package” stories with graphics and photos, and solve ethical problems using accepted professional practices. Students will comprise the editing staff of the Corsair, including the editor in chief, page editors, copy editors, graphics editor, photo editor and online coordinator. Journalism 17 students may be concurrently enrolled in either Journalism 16 or Journalism 22/Photography 14. Journalism 17 may be repeated once for credit.

JOURN 18, Opinion Writing 3 units

Transfer: CSU

- Prerequisite: Journalism 1.

This course emphasizes techniques of presenting one’s opinion persuasively for print and online formats. Students will write arts reviews as well as editorial page articles, columns and blogs.

JOURN 20, Producing Magazines for the Web 3 units

Transfer: CSU

- Advisory: Eligibility for English 1.

This course focuses on magazine production for the World Wide Web. Each student will create an interactive online magazine (“eZine”). The magazine will incorporate principles of journalism as well as elements of the Internet medium, such as pictures, graphics, audio, and text, to create an interesting and informative multi-media eZine. Students will be responsible for all phases of the production, including developing themes and stories, writing, editing, graphical user interface construction, and photography. The magazines may incorporate video material from students in Broadcasting 46 or 48 classes. This course may be repeated once for credit.

JOURN 21, News Photography 3 units

Transfer: CSU

C-ID: JOUR 160.

- Prerequisite: None.
- Advisory: Photography 1.

This survey course in basic news photography is designed for journalism or photography majors and students interested in having work published in magazines and news publications. Students learn basic camera and storytelling techniques through individual assignments and a semester long project, along with photo composition, and picture layout principles. A Digital Single Lens Reflex (DSLR) camera with manual exposure capability is required.

Journalism 21 is the same course as Photography 13. Students may receive credit for one but not both.

JOURN 22, Photography for Publication 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Journalism 21 or Photography 13.

This advanced course provides an in-depth study of photojournalism with an emphasis on creation of photo story ideas, photo essays, news, sports and feature photos for publication. Photo editing and layout for newspapers, magazines, and online publishing will be covered. Students will comprise the staff of the campus newspaper, The Corsair, and online publications. This course may be repeated once for credit. A Digital Single Lens Reflex (DSLR) camera with manual exposure capability is required.

Journalism 22 is the same course as Photography 14. Students may earn credit for one, but not both.

JOURN 43, Public Relations and Publicity 3 units

Transfer: CSU

C-ID: JOUR 150.

- Prerequisite: None.

Journalism 43 is the same course as Business 29. Students may earn credit for one, but not both.

This is an introductory course covering basic principles and objectives of public relations, including publicity and promotion techniques, effective communication strategies,

message design and distribution, and modern and emerging public relations practices.

JOURN 90A, Internship in Journalism **1 unit**

Transfer: CSU

Please see "Internships" section.

JOURN 90B, Internship in Journalism **2 units**

Transfer: CSU

Please see "Internships" section.

Kinesiology/Physical Education

See also "Professional Courses in Kinesiology/Physical Education" (PRO CR) and "Varsity Intercollegiate Athletics" (VAR/PE).

The Kinesiology / Physical Education curriculum is grouped together in the following manner: - General Studies - Aquatics - Combatives - Fitness - Individual Sports - Team Sports

KIN PE 3, Introduction to Exercise Physiology I **3 units**

Transfer: UC*, CSU

- Prerequisite: None.

*Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.

This is an introduction to the principles of Exercise Physiology. The course will explore topics related to exercise and human performance. These topics will include but are not limited to: physiological functions of human body systems at rest and during movement, energy transfer and utilization, nutrition for sport performance, and measurement of human performance as it relates to body composition, exercise training, and adaptation.

Students enrolling in this course should have some recent experience in science.

KIN PE 4, Introduction to Sport Psychology **3 units**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course examines the connection between the mental and physical aspects of competition and ways to enhance or improve performance. Psychological practices such as: stress reduction, goal-oriented imagery and positive visualization will be implemented with physical training methods to improve overall performance.

Kinesiology/Physical Education: Aquatics

See also "Professional Courses in Kinesiology/Physical Education" (PRO CR) and "Varsity Intercollegiate Athletics" (VAR/PE). *Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

KIN PE 48A, Beginning Swimming **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is for students with limited or no experience in swimming. Instruction begins with floating to freestyle with rhythmic breathing and progresses to back float, and back-stroke. Students then will be introduced to the short-axis competitive strokes -- butterfly and breast stroke.

KIN PE 48B, Elementary Swimming **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed for second level swimmers. Concentration is on stroke instruction and conditioning. Swimmers must be able to complete 25 yards of freestyle with side breathing in deep water.

KIN PE 48C, Intermediate Swimming **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course provides instruction and practice in all swimming strokes and competition. Emphasis is placed on performance and conditioning.

KIN PE 48D, Advanced Swimming **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course provides advanced instruction and practice in swimming strokes and competition. Emphasis is placed on performance and conditioning.

KIN PE 49A, Board Diving **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course provides instruction and practice in the mastery of a variety of intricate diving techniques. This course is open to divers of all skill levels from beginning to advanced.

KIN PE 49C, Skin Diving **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 48C.

This course covers the basic skills needed to skin dive safely. Emphasis is also placed on conditioning and strokes.

KIN PE 49D, Basic SCUBA **3 units**

Transfer: UC*, CSU

- Prerequisite: None.

This course offers instruction and practice in the skills of Self Contained Underwater Breathing Apparatus (SCUBA). The instruction will include open water diving, pool dives and using the no-decompression dive tables. Successful completion of course requirements leads to Los Angeles County Basic SCUBA and NAUI (National Association of Underwater Instructors) Certificates.

Additional fees for equipment rental will apply.

KIN PE 50A, Beginning Water Polo **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is an introduction to the aquatic sport of water polo, and provides instruction in the basic skills and conditioning.

KIN PE 50B, Intermediate Water Polo 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to build on the skills developed in beginning water polo. Students will receive instruction and participate in activities that will review and use basic skills of the sport as well as introduce more technical skills and intricacies of the game.

KIN PE 50C, Advanced Water Polo 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course develops advanced skills and covers strategies of the game of water polo with an emphasis on competitive situations.

KIN PE 50D, Competitive Water Polo 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course offers competitive water polo for the most advanced students. Students will improve technical skills as well as improve their team play. Classes will be structured similar to team practices with physical conditioning, competitive drilling and game play.

KIN PE 51A, Beginning Surfing 1 unit

Transfer: UC*, CSU

- Advisory: KIN PE 48C or equivalent experience; required swim test on Day 1 of class: student must be able to swim 100 meters/yards continuously using a forward-facing swim stroke, and tread water for 2 minutes with head always above the water.

This class is designed to cover the fundamentals of various techniques for surfing. Emphasis is placed on water safety, skill proficiency, and conditioning for surfing.

KIN PE 51B, Intermediate Surfing 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This class is designed to cover various intermediate techniques of surfing. Emphasis is placed on water safety, skill in various conditions and physical conditioning for surfing.

Kinesiology/Physical Education: Combatives

See also "Professional Courses in Kinesiology/Physical Education" (PRO CR) and "Varsity Intercollegiate Athletics" (VAR/PE).

*Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

KIN PE 34A, Karate 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed as an introduction to traditional karate. The program focuses on the cultural and self-defense aspects of the art as it was originally taught. The style is fluid, mobile, and emphasizes grabbing, striking, and kicking. Students work on conditioning, partner work, solo forms (kata), and learning the traditions and etiquette of the martial art.

KIN PE 34B, Intermediate Karate 1 unit

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 34A or equivalent experience.

This is an intermediate level course in traditional karate. Multi-step techniques, movement fluidity, and controlled one-on-one combat scenarios are emphasized. Power generation through breathing techniques and meditation is introduced at this level. Students learn traditional kata forms of "Seisan" and "Ananku". In addition to the Okinawan history of karate, global scale history of the martial arts is discussed.

KIN PE 34C, Advanced Intermediate Karate 1 unit

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 34B or equivalent experience.

This is an advanced intermediate level course in traditional karate. Advanced techniques and movements not covered in the beginning and intermediate classes are introduced. Power generation through breathing techniques, whole body movement fluidity, and meditation is emphasized at a more advanced level than KIN PE 34B. Students learn advanced timing for traditional kata forms of "Seisan" and "Ananku", and some students are introduced to the kata "Wansu". Specific history associated with students' direct Okinawan karate lineage is discussed.

KIN PE 34D, Advanced Karate 1 unit

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 34B or equivalent experience.

This is an advanced level course in traditional karate. Techniques and movement introduced in previous courses are further refined and effective self-defense application of these techniques are studied. Personalized kata training and interpretation is emphasized and may involve study of forms including, but not limited to, "Passai", "Gojushiho", "Chinto", and/or "Kusanku". Meditation training and research into various lineages of the martial arts are required.

KIN PE 35A, Beginning Wushu/Kung Fu 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed as an introduction to traditional Wushu Taolu. The class focuses on the form's basic movements (stances, kicks, punches, balances and sweeps) based on aggregate categories of traditional Chinese martial arts styles. Students will work on conditioning, solo forms (routines) and learning traditions and etiquette of the martial art. This course emphasizes techniques and does not involve physical contact.

KIN PE 35B, Intermediate Wushu/Kung Fu 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This is an intermediate level course in traditional Wushu Taolu. Multi-step techniques and jumps are emphasized. Students will learn the traditional Wushu routine (20 forms). Students will work on physical conditioning for Wushu, solo forms (routines), and learn the traditions, etiquette, and history of the martial art.

KIN PE 41M, Self Defense – Men 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course involves both lecture and physical activity.

This course provides knowledge of the laws relating to self-defense, basics of anatomy as applied to defense techniques, and physical techniques that are effective in self-defense. It also looks at violence in everyday life and how healthy masculinity can address the prevalence of violence, anger management, self-control, and bullying.

KIN PE 41W, Self Defense – Women 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course provides knowledge of the laws relating to self defense, basics of anatomy as applied to defense techniques, and physical techniques that are effective in self defense.

Kinesiology/Physical Education: Fitness

See also “Professional Courses in Kinesiology/Physical Education” (PRO CR) and “Varsity Intercollegiate Athletics” (VAR/PE). *Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted. For Water Aerobics, please see Kinesiology Physical Education Aquatics course listings.

KIN PE 1A, Adaptive Physical Education 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed for the physically disabled student that wishes to participate in a physical exercise program designed to meet individual goals. Students enrolling in this class should be part of the DSPS program.

KIN PE 2, Achieving Lifetime Fitness 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This is an introductory course designed to acquaint students with the benefits of physical activity in their lives. The course will empower students to create individual exercise programs after a survey of activity modules. This course requires both lecture and lab/activity weekly.

Students are required to attend and participate in fitness labs. These exercise labs will include cardiovascular exercise, strength training, body weight exercise and more.

KIN PE 10A, Fitness Lab 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

Formerly KIN PE 10.

This is a physical fitness course designed to develop and encourage positive attitudes and habits in a personalized exercise program. This program is designed to work both cardiovascular and muscle endurance components of fitness. The primary training activity is aerobic weight training circuits utilizing a sequence of weight lifting machines and cardiovascular exercise, organized into an “Aerobic Super Circuit”. The aerobic super circuit combines low intensity, high repetition weight training with aerobic training (tread-

mills, steppers, bikes, etc.). Basics of training and flexibility are also covered.

KIN PE 10C, Advanced Fitness Lab 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed for students seeking high intensity training and conditioning. This class will emphasize development and improvement of an advanced fitness/cardiovascular levels. Course content will include anatomy, nutrition, biomechanics, and improvement through participation and assessment.

KIN PE 11A, Beginning Weight Training 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

As a beginning level weight training course, it covers all of the fundamentals of lifting and safety as well as core training. Students are required to do an assigned program for half of the required hours and design their own program for the other half of the required hours.

KIN PE 11B, Intermediate Weight Training 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is intermediate level in the various methods of weight training. It is intended to aid the students in evaluating their training and muscular development goals as well as setting up weight training programs to accomplish them.

KIN PE 11C, Advanced Weight Training 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course further develops students’ knowledge of weight training and conditioning at an advanced level. Students learn advanced concepts in strength training and muscle development. Students are introduced to advanced free weight exercises.

KIN PE 11N, Individual Weight Training 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is a strength laboratory experience designed to assist advanced students in refining their individualized weight training program.

KIN PE 12, Olympic-Style Weightlifting 1 unit

Transfer: UC, CSU

- Skills Advisory: KIN PE 11B or previous experience in weightlifting.

The course is designed for students interested in learning how to perform Olympic-style weightlifting. Students learn the technical execution of the snatch, clean, and jerk. This course is not recommended for beginners; previous experience in weight training is important for success in this course.

KIN PE 13, Beginning Spinning 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

Spinning is a form of high intensity cardiovascular exercise that involves using a stationary exercise bike in a classroom setting. The benefits of this type of indoor cycling are cardiovascular health while doing low impact exercise, burning calories and overall conditioning for the legs and core.

Spinning is a combination of athletic racing, strength training, rhythmic movements and visualization. This course is appropriate for most levels of fitness as students adjust the resistance of their bikes as appropriate.

KIN PE 17, Boxing for Fitness **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course will combine basic exercises and techniques from boxing and kickboxing to promote a fun and effective aerobic workout. Instruction will include boxing to music. These exercises will improve cardiovascular endurance, strength development, and flexibility for lifetime fitness.

KIN PE 19A, Fitness – Anaerobic Exercises **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

Traditional strength exercises and weights are used to improve muscle strength and endurance. Students will learn basic principles of anaerobic training and concepts applicable for lifetime health and fitness.

KIN PE 19B, Fitness – Aerobic Exercises **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

Exercise to music using step risers. Students will learn basics of fitness, exercise and aerobic conditioning.

KIN PE 19C, Fitness – Body Level Exercises **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

Traditional and aerobic exercises are used to develop the body while concentrating on specific body areas.

KIN PE 19D, Fitness – Aquatic Exercises **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course will implement exercises in the pool using water for resistance to achieve physical fitness.

KIN PE 29A, Pilates Mat Exercise **1 unit**

Transfer: UC*, CSU

Formerly KIN PE 19E.

This course is designed to introduce the student to Pilates' mat technique of exercise. Pilates is a unique method of body control and conditioning. It consists of stretching and strengthening the muscles, while improving flexibility and balance.

KIN PE 58A, Beginning Yoga **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

Basic yoga positions and exercises, control breathing, relaxation, meditation techniques, and stretching postures are addressed in the class.

All yoga classes require that students provide their own yoga mats.

KIN PE 58B, Intermediate Yoga **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

Exposure to intermediate and advanced postures, relaxation, meditation, pranayama and concentration exercises are covered in the class.

All yoga classes require that students provide their own yoga mats.

KIN PE 58C, Advanced Yoga **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This is an in-depth yoga course for the advanced student who has previous yoga experience resulting in knowledge of 25 basic poses. Deeper and expanded study of the standing poses and basic posture, shoulder hand variations, and back bends.

All yoga classes require that students provide their own yoga mats.

KIN PE 88A, Independent Studies in Physical Education **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

KIN PE 88B, Independent Studies in Physical Education **2 units**

Transfer: CSU

Please see "Independent Studies" section.

Kinesiology/Physical Education: Individual Sports

See also "Professional Courses in Kinesiology/Physical Education" (PRO CR) and "Varsity Intercollegiate Athletics" (VAR/PE). *Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

KIN PE 5A, Beginning Badminton **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course covers the basic skills in playing badminton, including the rules and techniques of the basic skills: serving, underhand and overhand strokes.

KIN PE 5B, Intermediate Badminton **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course continues with drills for the basic skills in playing badminton and introduces the doubles game. Doubles strategies and drills designed to improve placement and consistency are covered.

KIN PE 5C, Advanced Badminton **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course covers the techniques and skills of badminton, including the rules and strategies for competitive play.

KIN PE 14A, Beginning Distance Running/Cross Country **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to teach proper running biomechanics, stretching and other basic injury prevention techniques, and the rules and scoring for cross country races. The course will also help students develop the cardiovascular endurance necessary for distance running.

KIN PE 14B, Intermediate Distance Running/Cross Country **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to develop the mental and physical techniques necessary for distance running. Topics include aerobic and anaerobic training, physiological mechanics, as well as mental competitive strategies as they relate to distance running.

KIN PE 14C, Advanced Distance Running/Cross Country **1 unit**

Transfer: UC*, CSU

This course is designed for students to take the knowledge gained in the intermediate course and learn to prepare their own training regimen for a competitive cross country season. The class will also focus on the psychological aspects and physiological effects of competitive endurance running.

KIN PE 15A, Cycling **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to develop the mental and physical techniques necessary for utilizing and maintaining a bike for cardio endurance, fitness and recreation.

KIN PE 16A, Beginning Rock Climbing **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is an indoor rock climbing class that offers instruction and practice in the skills of rock climbing. Basic safety skills, belaying, and climbing techniques will be taught.

KIN PE 16B, Intermediate Rock Climbing **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: Kin PE 16A or instructor's permission.

This course is designed to further introduce the student to the sport of Rock Climbing through three different variations of the sport. Students will learn and practice Bouldering, Top Rope, and Lead climbing at an indoor rock climbing facility.

KIN PE 18, Beginning Fitness Walking **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to develop the mental and physical techniques necessary for fitness walking. Students will learn about gait, balance, motor control, core strength, stretching, endurance training and more.

KIN PE 25A, Beginning Golf **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to teach basic fundamentals, rules, and etiquette of golf.

KIN PE 25B, Intermediate Golf **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 25A.

This course is a continuation of the basic skills of golf, especially in the area of short game, long irons, and woods.

KIN PE 25C, Advanced Golf **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course provides an emphasis on playing rounds at local golf courses, types of competition, and the where-to-go and what-to-do of golf.

KIN PE 25D, Golf Player Development **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to help students improve their golf skills so they can compete at the tournament level. The course will include improving students' knowledge of rules, swing techniques, and course playing strategies.

KIN PE 52A, Beginning Pickleball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

Pickleball is a paddle sport (like a racquet sport) that combines the elements of badminton, tennis, and table tennis. Two or four players use solid paddles made of wood or composite material to hit a Wiffle ball over a net. In this course students will learn the rules of play, etiquette and basic fundamental skills including: volleying, serving and basic ground strokes.

KIN PE 52B, Intermediate Pickleball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course continues with drills for the basic skills of Pickleball and introduces more advanced strokes: lob and overhand smash. Students will also develop game strategies for singles and doubles play.

KIN PE 53A, Table Tennis **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This class will cover all the basic strokes used in competitive table tennis. Students will learn basic techniques of the fundamental skills of the sport. Instruction includes rules, scoring and game etiquette.

KIN PE 53B, Intermediate Table Tennis **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to teach the intermediate strokes used in competitive table tennis. Conditioning and intermediate level drills designed to improve placement and consistency, will be emphasized. Students enrolling in this course should have previous table tennis experience.

KIN PE 54A, Beginning Tennis, First Level **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

Techniques and drill in fundamental skills, forehand and serve are introduced. Instruction includes rules, scoring, and court etiquette that prepares student for limited play.

KIN PE 54B, Beginning Tennis, Second Level **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course continues with drills in basic skills and introduces more advanced strokes, lob, volley, and overhead smash. Game strategies for singles and doubles play are developed.

KIN PE 54C, Intermediate Tennis 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

Conditioning and advanced drills designed to improve placement and consistency during match play are offered. Students must have some tennis experience to enroll in this course.

KIN PE 54D, Advanced Tennis 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to improve play for competition in singles and doubles contests outside of school. Students must have experience playing the sport.

KIN PE 56A, Beginning Track and Field 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

Students will learn the fundamentals of sprinting, hurdling and some long distance races. The shot put and jump will also be covered. Students will be presented with a history of the sport and the rules of competition.

KIN PE 56B, Intermediate Track and Field 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed for students with prior experience in the sport of track and field. Students will learn about middle distance and long distance events as well as the discus and high jump. Students will continue to work on running mechanics and learn about planning and organizing workouts.

Kinesiology/Physical Education: Team Sports

See also "Professional Courses in Kinesiology/Physical Education" (PRO CR) and "Varsity Intercollegiate Athletics" (VAR/PE). *Maximum UC transfer credit for any or all KIN PE courses combined is four units unless otherwise noted.

KIN PE 7C, Advanced Baseball for Men 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to provide an opportunity to experience a competitive situation similar to intercollegiate competition

KIN PE 9A, Beginning Basketball 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This is an activity course designed to introduce the student to basketball skills and rules.

KIN PE 9B, Intermediate Basketball 1 unit

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 9A or equivalent experience.

This course is designed to introduce the student to the strategies of team defensive basketball. Topics include the skills required to play defense, drills to improve on those skills, development of defensive strategies and drills to improve in the execution of those strategies.

KIN PE 9C, Advanced Basketball 1 unit

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 9B or equivalent experience.

This is an activity course designed with an emphasis on high level competition among students with previous experience. The course stresses advanced fundamentals and strategies.

KIN PE 9W, Advanced Basketball for Women 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This is an activity course designed with an emphasis on high level competition among students with previous experience. The course stresses advanced fundamentals and strategies.

KIN PE 21, Coed Touch Football 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course covers rules, strategies, and skills necessary to successfully participate in touch football as a leisure time activity.

KIN PE 21C, Advanced Football for Men 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is a continuation of beginning touch football concentrating on position skills and strategies.

KIN PE 43A, Beginning Soccer 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to introduce students to the basics of soccer and the rules of the game. Students will participate in soccer drills/activities to learn and improve their skills, with an emphasis on the technical side of the game.

KIN PE 43B, Intermediate Soccer 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to build on the skills developed in beginning soccer. It will review and improve the basic skills of the sport as well as introduce more technical skills and intricacies of the game. Students will participate in soccer drilling, training and play with an emphasis on the technical side of the game.

KIN PE 43C, Advanced Soccer 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course is a continuation of the introductory soccer course with an emphasis placed on advanced technical skills and an introduction to team tactics and systems of play.

KIN PE 43D, Competitive Soccer 1 unit

Transfer: UC*, CSU

- Prerequisite: None.

This course offers competitive soccer for the most advanced students. Students will be able to improve their technical skills as well as improve their team play. Classes will be run similar to team practices with physical training and competitive drilling and play.

KIN PE 45A, Beginning Softball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed for individuals who have not played organized softball. Basics for throwing, fielding, hitting, and base running are covered.

KIN PE 45B, Intermediate Softball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to build on skills developed in beginning softball. It will review catching, throwing and hitting as well as introduce basic strategies and intricacies of the sport. Drilling with an emphasis on the technical side of the sport will be emphasized.

KIN PE 45C, Advanced Softball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed for individuals with above average skills. Activities are centered around skills learned in KIN PE 45A game situations.

KIN PE 45D, Competitive Softball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is for experienced fastpitch softball players. Emphasis will be on individual positions, team play/strategies and situational plays and motor development for the advanced player to prepare for competitive play.

KIN PE 46, Performance Cheerleading **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course is designed to develop performance-level cheerleading skills and routines. The course provides a consistent laboratory for the development and enhancement of the skills required to participate in cheerleading. The improvement of cardiovascular fitness, muscular strength, and flexibility will be necessary for the high performance of cheerleading. Performance, safety, and cooperation will be emphasized in the course. Students will perform at selected athletic events as a team.

KIN PE 57A, Beginning Volleyball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course covers the basic skills for playing volleyball as well as the rules and etiquette for indoor volleyball.

KIN PE 57B, Intermediate Volleyball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 57A.

This course covers techniques and strategies in playing six-person, four-person and two-person volleyball. The continuing development of high level skills is emphasized.

KIN PE 57C, Advanced Volleyball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.
- Advisory: KIN PE 57B.

This course covers advanced techniques and strategies of the game in a competitive class situation. The continuing development of high level skills is emphasized.

KIN PE 59A, Beginning Beach Volleyball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course covers basic techniques and strategies in playing beach volleyball. The beginning fundamentals, rules and etiquette are emphasized.

KIN PE 59B, Intermediate Beach Volleyball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course covers techniques and strategies in playing power beach volleyball at the four and two-person level. The continuing development of high level skills is emphasized.

KIN PE 59C, Advanced Beach Volleyball **1 unit**

Transfer: UC*, CSU

- Prerequisite: None.

This course covers advanced techniques and strategies of beach volleyball in a competitive class situation. The continuing development of high level skills is emphasized.

Professional Courses in Kinesiology/ Physical Education

Please see listing under “Professional Courses in Kinesiology/Physical Education.”

Varsity Intercollegiate Athletics

Please see listing under “Varsity Intercollegiate Athletics.”

Korean

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

KOREAN 1, Elementary Korean I **5 units**

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

This course teaches the Korean Hangeul. The materials are designed to encourage the students to feel free to interact in Korean as naturally and as spontaneously as possible. It introduces vocabulary skills, decoding skills, and fundamental sentence structures in the present and past. Pronunciation, grammar, and everyday vocabulary are stressed as indispensable tools for comprehension and expression. Aspects of Korean culture and history are covered as well.

KOREAN 2, Elementary Korean II **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Korean 1*.

This course is a continuation of Korean 1. This course stresses vocabulary and fundamental sentence structure in the past and future indicative tenses and in the subjunctive mode. Basic aural and reading comprehension is also developed. Students will hold simple conversations, learning

common sayings, and write short compositions about past and future actions. Readings of simplified texts and study of Korean culture are included.

**The advisory for this course is comparable to two years of high school Korean.*

KOREAN 3, Intermediate Korean I **5 units**

Transfer: UC, CSU

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Korean 2*

This course is a continuation of Korean 2 and teaches Korean by applying the Natural Approach in the classroom. Materials are designed to encourage students to interact in Korean as naturally and as spontaneously as possible. Developed in accordance with performance-based principles and methodology, the course is learner-centered using primary resources and function/task-oriented balancing acquiring and using skills. The integration of speaking, listening, reading, writing, and culture is stressed. Grammar points are systematically introduced with simple but adequate explanations and abundant examples, exercises, and drills. Aspects of Korean culture and history are covered as well.

**The prerequisite for this course is comparable to three years of high school Korean.*

KOREAN 4, Intermediate Korean II **5 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Korean 3 or equivalent skills.

This course builds on language skills developed in Korean 3. The course will review and expand on intermediate Korean grammar, provide practice in the use of set phrases and idioms, and further develop skills in reading and writing. It will enrich vocabulary, further develop reading comprehension, provide opportunity for improving intermediate level writing and conversational skills; and it will encompass aspects of Korean culture and history. This course is taught in Korean unless in cases of linguistic difficulty as determined by the professor.

KOREAN 8, Conversational Korean **2 units**

Transfer: UC, CSU

- Prerequisite: Korean 2.

This course provides the student with an opportunity to increase fluency in spoken Korean with an emphasis on natural and colloquial usages. New vocabulary and idiomatic expressions will be emphasized, and the student will hold conversations in Korean in class. This course is taught in Korean except in cases of linguistic difficulty as determined by the professor.

Applied and service-learning field experience within a public agency, educational institution, and citizen volunteer groups is a requirement of this class.

KOREAN 9, Korean Civilization **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Advisory: Eligibility for English 1.

Satisfies Global Citizenship

This course is an introduction to Korean civilization and literature. While encompassing aspects of philosophy, reli-

gion, and art, the course aims to throw light on key works of Korean prose and poetry from ancient to contemporary periods. The social, political, and cultural contextualization of these works will be used as a vehicle to a better understanding of Korea. The course does not require any prior knowledge of Korean language, literature or culture. All materials will be in English.

KOREAN 25, Korean for the Professions **3 units**

Transfer: CSU

- Advisory: KOREAN 4.

This course provides the student with an opportunity to acquire professional skills in both oral and written Korean in the business environment. Students practice appropriate preparation of documents, communications, and interview skills. The course concentrates on the topics that are relevant to industry, which could include special vocabulary encountered during phone calls, emails, negotiations, meetings, presentations, etc., and also on general topics that occur within international trade relations.

KOREAN 99, Applied Learning in Korean **1 unit**

Transfer: CSU

Corequisite: Any course in Korean.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Library Studies

LIBR 1, Library Research Methods **1 unit**

Transfer: UC, CSU

- Prerequisite: None.

This course is designed to introduce students to library research and resources available in academic libraries. Through effective use of resources in a variety of formats, students learn to access information to meet their research needs. Topics include: finding, evaluating and citing sources. Recommended for all students.

Linguistics

LING 1, Introduction to Linguistics **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.

This course is an introduction to the study of language. It provides an overview of the field of linguistics, its three dimensions of language structure: the sound system (phonetics and phonology), vocabulary (morphology), and grammar (syntax), and the way linguistic structure and context

give rise to meaning (semantics and pragmatics). In addition the course considers how social practices are shaped by and shape language use, as well as how language is acquired and learned. The course provides a grounding in linguistics as a field of study, basic analytic skills for viewing and discussing language from a variety of perspectives, and greater awareness of the relevance of language across and within cultures.

LING 88C, Independent Studies in Linguistics 3 units

Transfer: CSU

Please see “Independent Studies” section.

Mathematics

Mathematicians use symbolic languages to set up and analyze relationships among quantities and qualities of things, events, and places. Pure mathematicians develop the theories to further the science of mathematics. Possible careers include actuary, computer engineer, cryptographer, satellite communications expert, robotics programmer, statistician and teacher. Students new to the Santa Monica College mathematics program who wish to enroll in a course must take the Math Assessment test before enrolling. A student who has successfully completed college level math courses (earned a grade of C or better) at another institution may be able to verify having met prerequisites by submitting an official transcript. Continuing students must complete prerequisite courses with a grade of “C” or better.

MATH 1, Bridge to College Mathematics 5 units

- Prerequisite: None.

This course provides an accelerated student-driven path through pre-algebra to intermediate algebra and through the algebra topics and basic elements of exploratory data analysis needed for Elementary Statistics and Finite Mathematics. Students will learn the topics in this course at their own pace in a computer lab with faculty guidance. As students demonstrate proficiency, they will have the opportunity to earn credit for Math 85, Math 31, Math 20, or Math 50. This course has multiple exit levels where students can earn a grade of “P” for passing the highest-level course mastered and become eligible to enter subsequent courses in their plan of study.

MATH 1B, Bridge to College Mathematics 2 5 units

- Prerequisite: Math 1.

This course is a continuation of Math 1, Bridge to College Mathematics (BCM) for students who have already taken BCM and successfully passed the Arithmetic/Pre-algebra level and/or the Elementary Algebra portions of the BCM course. Students enrolled in Math 1B (BCM 2) will pick up where they left off in BCM and have the opportunity to develop and demonstrate mastery of Elementary Algebra and/or Intermediate Algebra. Based on their proficiency of topics in one or both courses, students will earn a grade of “P” for passing the highest-level course mastered and become eligible to enter subsequent courses in their plan of study.

MATH 1C, Bridge to College Mathematics 3 5 units

- Prerequisite: Math 1B.

This course is a continuation of Math 1B, Bridge to College Mathematics (BCM 2) for students who have already taken

BCM 2 and successfully passed the Elementary Algebra level. Students enrolled in Math 1C (BCM 3) will pick up where they left off in BCM 2 and have the opportunity to develop and demonstrate mastery of Intermediate Algebra. Based on their proficiency of topics, students will earn a grade of “P” for passing Math 20.

MATH 2, Precalculus 5 units

Transfer: UC*, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 20 and Math 32.
- Advisory: Eligibility for English 1.

*Maximum UC credit for Math 2, Math 4, and Math 26 is 5 units.

An intensive preparation for calculus. This course is intended for computer science, engineering, mathematics, and natural science majors. Topics include algebraic, exponential, logarithmic and trigonometric functions and their inverses and identities, conic sections, sequences, series, the binomial theorem and mathematical induction.

MATH 2C, Concurrent Support for Precalculus 2 units

Corequisite: Math 2.

A review of the core prerequisite skills, competencies, and concepts needed in precalculus. Intended for students who are concurrently enrolled in Math 2, Precalculus. Topics include concepts from elementary algebra, geometry, and intermediate algebra that are needed to understand the basics of college-level precalculus. Emphasis is placed on real and complex numbers; fundamental operations on algebraic expressions and functions; algebraic factoring and simplification; introduction to functions, equations and graphs; circles and parabolas; properties of geometric figures, similarity, and special right triangles. Pass/No Pass only.

MATH 3, Trigonometry with Applications 3 units

Transfer: CSU

- Prerequisite: MATH 20 and MATH 32.
- Advisory: MATH 4 and eligibility for English 1.

This course is intended for students majoring in Science, Technology, Engineering, or Mathematics (STEM). Math 3 in combination with Math 4 (College Algebra for STEM Majors) serves as a prerequisite for Math 7 (Calculus 1). The course includes a study of the properties and graphs of trigonometric and inverse trigonometric functions, trigonometric identities, solutions of triangles, trigonometric equations, parametric equations, polar coordinates and polar equations, the algebra of vectors in two and three dimensions and topics from analytic geometry and applications.

MATH 3C, Concurrent Support for Trigonometry with Applications 1 unit

Corequisite: Math 3.

A review of the core prerequisite skills, competencies, and concepts needed in trigonometry. Intended for students who are concurrently enrolled in Math 3, Trigonometry with Applications. Topics include concepts from elementary and intermediate algebra and analytic geometry that are needed to understand the basics of trigonometry. Emphasis is placed on studying angles and their properties; geometric figures including circles and triangles; factoring and simplifying algebraic expressions; equations and graphs of circles; introduction to functions; fundamental operations on algebraic expressions and functions. Pass/No Pass only.

MATH 4, College Algebra for STEM Majors 4 units

Transfer: UC*, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: MATH 20.
- Skills Advisory: Eligibility for English 1.

**Maximum UC credit for Math 2, Math 4, and Math 26 is 5 units.*

This course is intended for students majoring in Science, Technology, Engineering, or Mathematics (STEM). Math 4 in combination with Math 3 (Trigonometry with applications) serves as a prerequisite for Math 7 (Calculus 1). The topics to be covered include review of the fundamentals of algebra, relations, functions, solutions of first and second degree equations and inequalities, systems of equations, matrices, binomial theorem, mathematical induction, polynomial and rational functions, exponential and logarithmic functions, analytic geometry and conic sections, and geometric and arithmetic sequences and series.

MATH 4C, Concurrent Support for College Algebra for STEM Majors 1 unit

Corequisite: Math 4.

A review of the core prerequisite skills, competencies, and concepts needed in College Algebra. Intended for students who are concurrently enrolled in Math 4, College Algebra for STEM Majors. Topics include concepts from elementary and intermediate algebra and analytic geometry that are needed to understand the basics of college-level algebra. Emphasis is placed on real and complex numbers; fundamental operations on algebraic expressions and functions; factoring and simplifying algebraic expressions; introduction to functions, solving equations and systems of linear equations; graphs of elementary functions and their properties. Pass/No Pass only.

MATH 7, Calculus 1 5 units

Transfer: UC*, CSU

C-ID: MATH 211.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 2 or (Math 3 and 4).

**Maximum UC credit for Math 7 and 28 is one course.*

This first course in calculus is intended primarily for science, technology, engineering and mathematics majors. Topics include limits, continuity, and derivatives and integrals of algebraic and trigonometric functions, with mathematical and physical applications.

MATH 8, Calculus 2 5 units

Transfer: UC*, CSU

C-ID: MATH 221.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 7.

**Maximum UC credit for Math 8 and 29 is one course.*

This second course in calculus is intended primarily for science, technology, engineering, and mathematics majors. Topics include derivatives and integrals of transcendental functions with mathematical and physical applications, indeterminate forms and improper integrals, infinite sequences and series, and curves, including conic sections, described by parametric equations and polar coordinates.

MATH 10, Discrete Structures 3 units

Transfer: UC, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 8.

Formerly same course as CS 10.

This course is intended for computer science, engineering, and mathematics majors. Topics include proof techniques, cardinality of sets, partial orderings and equivalence relations, symbolic logic and valid arguments, permutations and combinations with repetition, and an introduction to graph theory.

MATH 11, Multivariable Calculus 5 units

Transfer: UC, CSU

C-ID: MATH 230.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 8.

Topics include vectors and analytic geometry in two and three dimensions, vector functions with applications, partial derivatives, extrema, Lagrange Multipliers, multiple integrals with applications, vector fields. Green's Theorem, the Divergence Theorem, and Stokes' Theorem.

MATH 13, Linear Algebra 3 units

Transfer: UC, CSU

C-ID: MATH 250.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 8.
- Skills Advisory: Eligibility for English 1.

Topics include matrices and linear transformations; abstract vector spaces and subspaces; linear independence and bases; determinants; systems of linear equations; eigenvalues and eigenvectors.

MATH 15, Ordinary Differential Equations 3 units

Transfer: UC, CSU

C-ID: MATH 240.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 8.

This course is an introduction to ordinary differential equations. Topics include first order equations, linear equations, reduction of order, variation of parameters, spring motion and other applications, Cauchy-Euler equations, power series solutions, Laplace transform, and systems of linear differential equations.

MATH 18, Intermediate Algebra for Statistics and Finite Mathematics 3 units

- Prerequisite: Math 31.

Maximum allowable units for Math 18 and Math 20 is 5 units.

Topics include linear, quadratic, exponential and logarithmic functions and equations; systems of linear equations and inequalities; sequences and series. The emphasis is on setting up and solving applications of the algebraic material. *Math 18 is designed for students who are required to complete Math 54 only or Math 21 only. If you are unsure which transfer level math course you need, it is recommended you take Math 20.*

MATH 20, Intermediate Algebra 5 units

Maximum allowable units for Math 18 and Math 20 is 5 units.

Topics include rational, irrational and complex numbers; fundamental operations on algebraic expressions and functions; introduction to polynomial, rational, exponential and logarithmic functions, equations and graphs; circles and

MATHEMATICS COURSE SEQUENCE

Course sequences shown here are for general reference. Your starting point depends on your math assessment results and your education plan. Before you enroll in a math class, see the SMC Success and Engagement Center website (smc.edu/successcenter), visit the Math Department (smc.edu/math), see assist.org, or talk to a counselor in the Counseling Department.

Higher Level

College Level

Course Descriptions

These courses may be taken in any order, but students are advised to complete MATH 11 and MATH 15 before enrolling in MATH 13.

YOUR TRANSFER SCHOOL'S REQUIREMENTS MAY VARY

For details, see assist.org or talk to a counselor in the Counseling Department.

Business, economics, or other majors that do NOT need trigonometry-based calculus*:

MATH 26, 26C, 28, 29.

*MATH 7 and 8 generally required for UC.

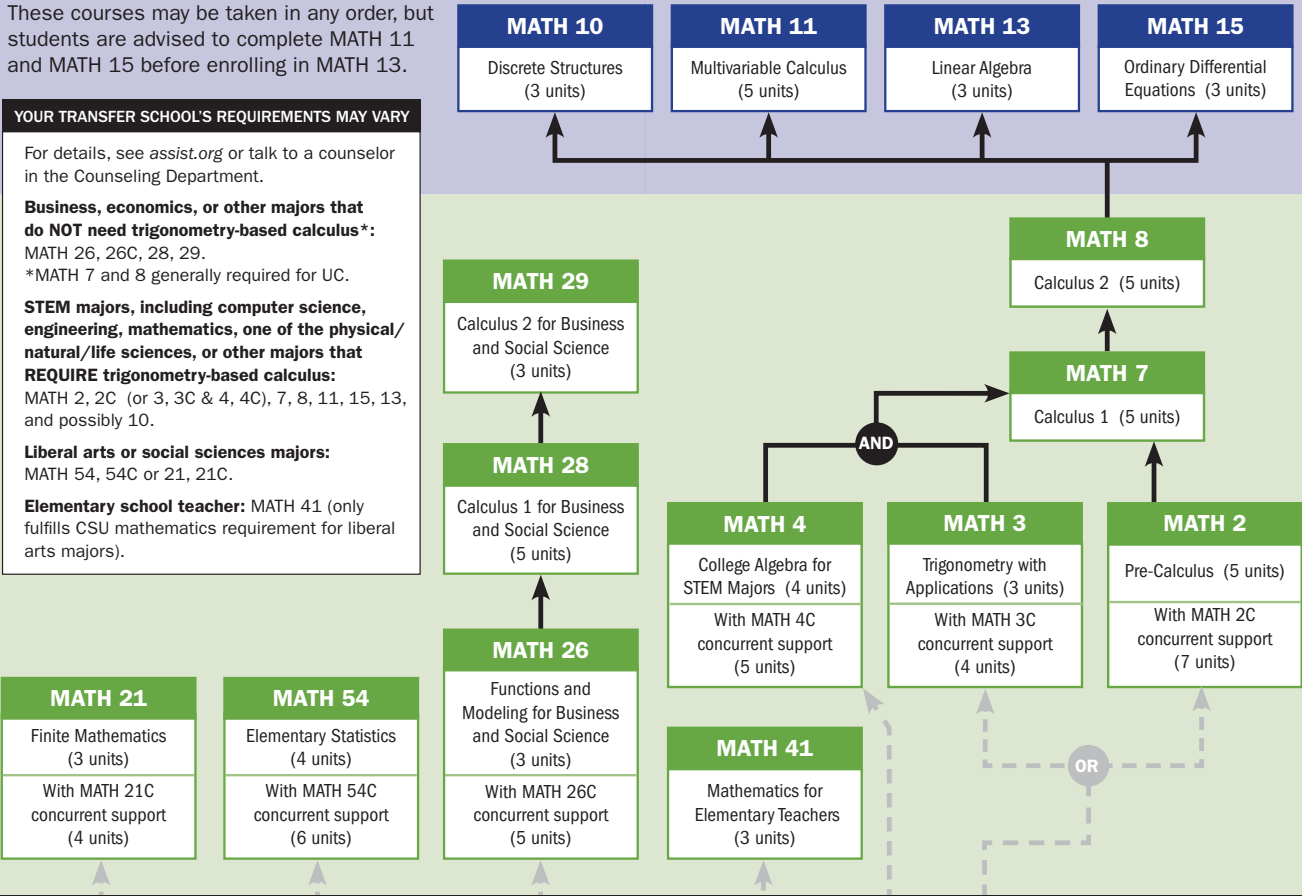
STEM majors, including computer science, engineering, mathematics, one of the physical/natural/life sciences, or other majors that REQUIRE trigonometry-based calculus:

MATH 2, 2C (or 3, 3C & 4, 4C), 7, 8, 11, 15, 13, and possibly 10.

Liberal arts or social sciences majors:

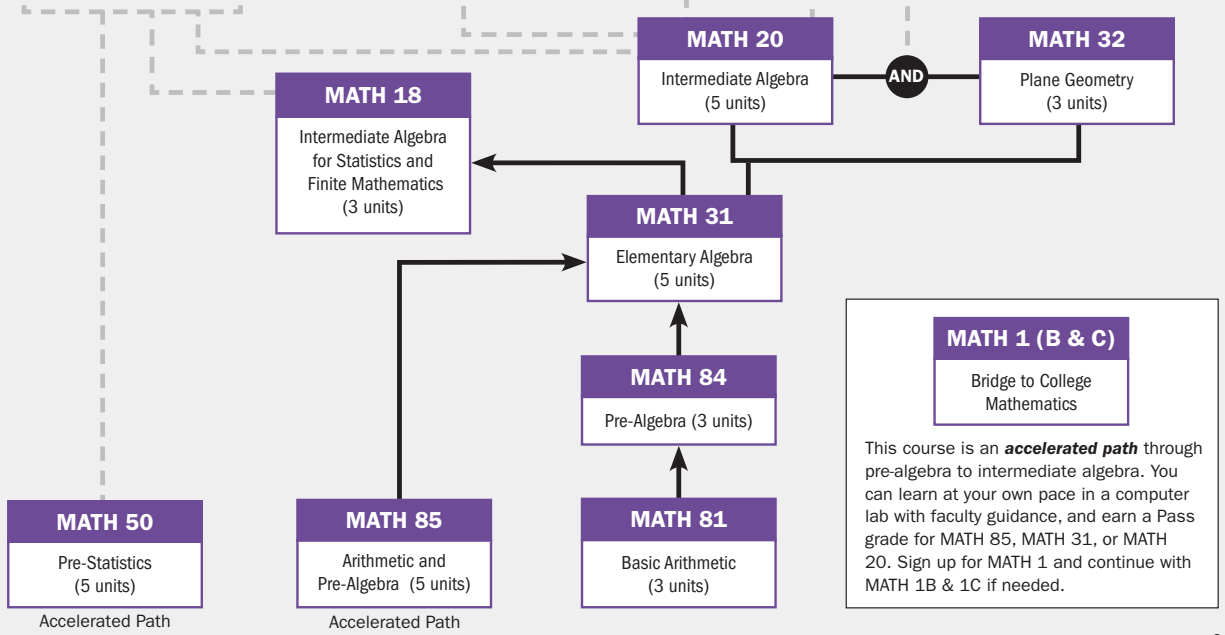
MATH 54, 54C or 21, 21C.

Elementary school teacher: MATH 41 (only fulfills CSU mathematics requirement for liberal arts majors).



All courses below this line are pre-transfer courses and not currently offered due to AB 705.

Pre-College Level



MATH 1 (B & C)
Bridge to College Mathematics

This course is an **accelerated path** through pre-algebra to intermediate algebra. You can learn at your own pace in a computer lab with faculty guidance, and earn a Pass grade for MATH 85, MATH 31, or MATH 20. Sign up for MATH 1 and continue with MATH 1B & 1C if needed.

parabolas. Emphasis is on advanced algebraic factoring and simplification.

Math 20 serves as a prerequisite to all college level math classes. Students whose terminal math course is Math 54 or Math 21 may want to consider taking Math 18 or Math 50 instead.

MATH 21, Finite Mathematics **3 units**

Transfer: UC, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 18 or 20 or 49 or 50.

This is a terminal mathematics course for liberal arts and social science majors. Topics include sets and counting, probability, linear systems, linear programming, statistics, and mathematics of finance, with emphasis on applications.

MATH 21C, Concurrent Support for Finite Mathematics **1 unit**

Corequisite: Math 21.

This course provides a review of the core prerequisite skills, competencies, and concepts needed for students who are concurrently enrolled in Finite Mathematics. Topics include theory, procedures, and practices from pre-algebra, beginning algebra, and intermediate algebra. Particular attention is paid to solving and graphing linear equations and inequalities, problem-solving and modeling strategies, translating and interpreting language for the purpose of formulating mathematical phrases and statements, simplifying arithmetic and algebraic expressions, and learning to use the appropriate technology (typically scientific calculators) needed in Math 21. Pass/No Pass only.

MATH 26, Functions and Modeling for Business and Social Science **3 units**

Transfer: UC*, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 20.

**Maximum UC credit for Math 2, Math 4, and Math 26 is 5 units.*

This course is a preparatory course for students anticipating enrollment in Math 28 (Calculus 1 for Business and Social Science). Topics include algebraic, exponential and logarithmic functions and their graphical representations, and using these functions to model applications in business and social science.

Math 26 is not recommended as a terminal course to satisfy transfer requirements.

MATH 26C, Concurrent Support for Functions and Modeling for Business and Social Science **2 units**

Corequisite: Math 26.

This course emphasizes a review of the core prerequisite skills, competencies, and concepts needed in Math 26. It is intended for majors in business and social science concurrently enrolled in MATH 26, Functions and Modeling for Business and Social Science. Topics include a review of computational skills developed in intermediate algebra, factoring, operations on rational and radical expressions, absolute value equations, linear equations and inequalities, simple polynomial equations, exponential and logarithmic expressions and equations, functions including composition and inverses, and an in-depth focus on applications. This course is appropriate for students who are proficient in their beginning algebra skills. Pass/No Pass only.

MATH 28, Calculus 1 for Business and Social Science **5 units**

Transfer: UC*, CSU

C-ID: MATH 140.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 26.

**Maximum UC credit for Math 7 and 28 is one course.*

This course is intended for students majoring in business or social sciences. It is a survey of differential and integral calculus with business and social science applications. Topics include limits, differential calculus of one variable, including exponential and logarithmic functions, introduction to integral calculus, and mathematics of finance.

MATH 29, Calculus 2 for Business and Social Science **3 units**

Transfer: UC*, CSU

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 28.

**Maximum UC credit for Math 8 and 29 is one course.*

Topics include techniques and applications of integration, improper integrals, functions of several variables, partial derivatives, method of least squares, maxima and minima of functions of several variables with and without constraints, methods of LaGrange Multipliers, double integrals and their application, elementary differential equations with applications, probability and calculus.

MATH 31, Elementary Algebra **5 units**

- Prerequisite: Math 84 or Math 85.

Topics include: Arithmetic operations with real numbers, polynomials, rational expressions, and radicals; factoring polynomials; linear equations and inequalities in one and two variables; systems of linear equations and inequalities in two variables; application problems; equations with rational expressions; equations with radicals; introduction to quadratic equations in one variable.

This course is equivalent to one year high school algebra. Students enrolled in this course are required to spend 16 documented supplemental learning hours outside of class during the semester.

MATH 32, Plane Geometry **3 units**

- Prerequisite: Math 31 or Math 49.

This is an introductory course in geometry whose goal is to increase the mathematical maturity and reasoning skills of students. Topics include elementary logical reasoning, properties of geometric figures, congruence, similarity, and special right triangles. Formal proof is introduced and used within the course.

MATH 41, Mathematics for Elementary School Teachers **3 units**

Transfer: UC, CSU

- Prerequisite: Math 20.

This course is designed for pre-service elementary school teachers. The course examines several content areas: numeration systems (historical development of numeration system, Hindu-Arabic numeration system, and place value systems); integers (structure, basic properties and computational algorithms); basic number theory (divisibility, primes and composites, prime factorization, Fundamental Theorem of Arithmetic, greatest common divisor, least common multiple); rational numbers (structure and properties, ratio and proportions); real numbers (structure

and basic properties, arithmetic operations, rational and irrational numbers, decimal representation, number line representation); problem solving (patterns, connections, modeling, reasoning and representations, strategies, inductive and deductive reasoning); and national and state curriculum standards for elementary school math including Common Core State Standards.

Math 41 fulfills the mathematics requirement for the Liberal Arts major at CSU campuses but does not meet the mathematics admission requirement at any of the CSU campuses. Please contact a counselor if you have questions.

MATH 49, Beginning and Intermediate Algebra for Statistics and Finite Mathematics 6 units

- Prerequisite: Math 84 or Math 85.

This is an accelerated course covering the topics of Beginning and Intermediate algebra. Specific topics include arithmetic operations with real numbers, change of units and percents, polynomials, rational expressions, and radicals; linear equations and inequalities; systems of linear equations and inequalities; application problems; equations with rational expressions; equations with radicals; linear, quadratic, exponential and logarithmic functions and equations; factoring; drawing and interpreting graphs; sequences and series. The emphasis is on setting up and solving applications of the algebraic material.

MATH 50, Pre-Statistics 5 units

- Prerequisite: None.

This course introduces algebra topics and the basic elements of exploratory data analysis needed for Elementary Statistics (Math 54) and Finite Mathematics (Math 21). Course topics include number and operation sense with regard to whole numbers, integers, rational numbers, mixed numbers, decimals, grouping symbols, order of operations, estimation and approximation, scientific notation, ratios, percents, proportions, formulas and algebraic expressions, linear equations and inequalities in one variable, analyzing and producing data, sample statistics and graphs, functions, systems of linear equations, and probability.

Math 50 is designed for students who are only required to complete Elementary Statistics (Math 54) or Finite Mathematics (Math 21). Students who plan to take a non-math course which lists math 20 or math 31 as a pre-requisite should take those courses unless otherwise advised by the department offering the non-math course. This course is not intended as a preparation for precalculus or calculus. Students planning to take Precalculus (Math 2) must complete Intermediate Algebra (Math 20).

MATH 54, Elementary Statistics 4 units

Transfer: UC, CSU

C-ID: MATH 110.

IGETC AREA 2 (Mathematical Concepts)

- Prerequisite: Math 20 or Math 18 or Math 49 or Math 50.

Formerly Math 52.

This course covers concepts and procedures of descriptive statistics, elementary probability theory and inferential statistics. Course content includes: summarizing data; computation and interpretation of descriptive statistics; classical probability theory; probability distributions; binomial, normal, T, Chi-square and F distributions; making inferences; decisions and predictions. This course develops, analyzes, and interprets confidence intervals for population param-

eters, hypothesis testing for both one and two populations, correlation and regression, ANOVA, and test for independence. This course develops statistical thinking through the study of applications in variety of disciplines. The use of a statistical/graphing calculator and/or statistical analysis software is integrated into the course.

MATH 54C, Concurrent Support for Elementary Statistics 2 units

Corequisite: Math 54.

A review of the core prerequisite skills, competencies, and concepts needed in statistics. Intended for students who are concurrently enrolled in MATH 54, Elementary Statistics. Topics include: concepts from arithmetic, pre-algebra, elementary and intermediate algebra that are needed to understand the basics of college-level statistics. Concepts are taught through the context of descriptive data analysis. Pass/No Pass only.

MATH 81, Basic Arithmetic 3 units

- Prerequisite: None.

The aim of this course is to develop number and operation sense with regard to whole numbers, fractions, decimals and percents; as well as measurement and problem solving skills. Course content also includes ratios, proportions, and practical applications of the arithmetic material.

**Course credit will not be applied toward satisfaction of Associate Degree requirements. Students enrolled in this course are required to spend 16 documented supplemental learning hours outside of class during the session.*

MATH 84, Pre-Algebra 3 units

- Prerequisite: Math 81.

This course prepares the student for Elementary Algebra. It assumes a thorough knowledge of arithmetic. Course content includes integers, signed fractions, signed decimals, grouping symbols, the order of operations, exponents, and algebraic expressions and formulas. The emphasis is on concepts essential for success in algebra.

**Course credit will not be applied toward satisfaction of Associate Degree requirements. Students enrolled in this course are required to spend 16 documented supplemental learning hours outside of class during the semester.*

MATH 85, Arithmetic and Prealgebra 5 units

- Prerequisite: None.

This course offers an accelerated option for preparation for Elementary Algebra. The material covered is equivalent to that covered separately in Math 81 (Basic Arithmetic) and Math 84 (Prealgebra). This course develops number and operation sense with regard to whole numbers, integers, rational numbers, mixed numbers, and decimals. Grouping symbols, order of operations, estimation and approximation, scientific notation, ratios, percents, proportions, geometric figures, and units of measurement with conversions are included. An introduction to algebraic topics, including simple linear equations, algebraic expressions and formulas, and practical applications of the material also are covered. All topics will be covered without the use of a calculating device.

Students who desire a slower pace should enroll in the Math 81/84 sequence. Course credit will not be applied toward satisfaction of Associate degree requirements.

MATH 88A, Independent Studies in Mathematics **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

Media Studies

Media is a versatile discipline consisting of two areas of study: media studies and media production. Our media studies area focuses on the analysis of the mass media. Media Studies courses use an analytical and historical approach, and students develop skills to assess the role and impact of mass media on society. Students examine the history, values, and structure of media in the US and internationally. Media literacy skills are another fundamental component of Media Studies Courses. Upon successful completion of our Media Studies courses, each student should leave as a media literate individual -- a more aware, critical audience member with a well-developed sense of mass media's role in society. There is a wide range of employment possibilities for students trained in Media Studies, including positions in public relations, business, sales, public and personnel relations, and advertising. Our Media Production courses provide hands-on training in the areas of Television, Radio and Internet Broadcasting, including broadcast news, sports, promotional videos, podcasting, short form and emerging media (360/virtual and augmented reality). Students completing the Broadcasting degrees and/or certificates are prepared for both employment opportunities in the broadcasting industry and transfer into four-year degree programs. The Promo Pathways program provides intensive training and internships for students pursuing promo advertising careers opportunities in the broadcasting industry and transfer into four-year degree programs.

MEDIA 1, Survey of Mass Media Communications **3 units**

Transfer: UC, CSU

C-ID: JOUR 100.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.

Formerly Communication 1.

This course introduces aspects of communications and the impact of mass media on the individual and society. The survey includes newspapers, magazines, radio, television, cable, motion pictures, online media, advertising, public relations, theories of communication, and mass communication modes, processes and effects.

MEDIA 2, Reading Media: Acquiring Media Literacy Skills **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Communication 2.

This course will acquaint students with the inquiry process as applied to electronic and print media texts from sources such as television, radio, film, podcasting, World Wide Web sites and video games. Students will gain the necessary skills to understand their multi-media world and its many layers of meanings and messages. Students will learn to "read" and design visual, as well as print messages through the processes of analysis, deconstruction and decoding. This course is designed to meet Information Competency guidelines.

MEDIA 3, Global Media **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This course provides a detailed introduction to global media systems around the world, examining the main economic and cultural dimensions of the international media environment. Key theoretical approaches to international and global communication will be examined. Consideration will be given to the key issues, main actors, and significant developments in global media.

Media 3 is the same course as Global Studies 3. Students may earn credit for one, but not both.

MEDIA 4, Introduction to Game Studies **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.

This introductory course examines the medium of video games. The course studies how video games have developed historically, culturally, and technically. Issues of narrative, design, interactivity, and spatiality, which inform both the medium as a whole and individual games in particular, are examined. The function of video games as media texts within popular culture is also assessed.

MEDIA 10, Media, Gender, and Race **3 units**

Transfer: UC (meets UC Berkeley American Cultures graduation requirement); CSU

IGETC AREA 4 (Social and Behavior Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

Formerly Communication 10.

This course is a historical overview of class, gender, and race/ethnicity of the media in the United States. Using readings from selected texts, clips from movies, radio and television broadcasts, as well as period literature, students analyze and debate representations in the media with a focus on at least 3 of the following racial/ethnic groups: Latinx, African American, Asian American, and Indigenous peoples. Critical thinking skills are developed in this course.

MEDIA 11, Introduction to Broadcasting **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 1.

Radio, television and related electronic media are introduced in this course with emphasis on history, programming, FCC regulations, operations, economics, and social impact. The course also includes an examination of the newer technologies such as the Internet, cable, direct broadcast satellites, computers, wireless phones, and the communications technology revolution.

MEDIA 12, Broadcasting Programming and Management **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 2.

Principles of radio and television programming and management, including program sources, programming theories, station organization, community involvement, market demographics, and fulfillment of FCC requirements are covered in this course.

MEDIA 13, Broadcasting Announcing and Production **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 3A.

This course offers training and practical experience in announcing for radio and television and for radio control room operation, combining voice, recordings, editing, and other elements in broadcasting performance and production.

MEDIA 14, Newscasting and Newswriting **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 4A.

This course familiarizes the student with the expectations of journalism by the public and teaches the student the basic newswriting guidelines used in broadcast journalism. Through newswriting assignments and exercises, the student will become adept in basic broadcast news writing. *Media Studies 14 is the same course as Journalism 4A. Students may earn credit for one, but not both.*

MEDIA 15, Advanced Newscasting and Newswriting **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Media Studies 14.

Formerly Broadcasting 4B.

This course builds upon Broadcast 4A/Journalism 4A and offers students an opportunity to further develop their newswriting and newscasting skills. The student will write broadcast copy for a variety of news situations in radio and television. More complex assignments such as covering political campaigns and breaking news stories will be covered. Assignments include writing broadcast copy for SMC's campus radio KWRP. Issues in media ethics and career opportunities will also be discussed.

Media Studies 15 is the same course as Journalism 4B. Students may receive credit for one, but not both.

MEDIA 16, Sportscasting Fall Sports **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 5A.

Sports reporting for the broadcast media, including a study of sources of information, statistic and personal background on athletes, as well as techniques of interviewing, color reporting, and play-by-play announcing are covered in this course. Special emphasis will be given to the particular demands and playing environments of fall sports such as football. Field work in coverage of football and other fall sports involves interview shows with coaches, players, and sports figures.

MEDIA 17, Sportscasting Spring Sports **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 5B.

Sports reporting for the broadcast and internet media, including a study of sources of information, statistic and personal background on teams and athletes, as well as techniques in TV and Radio anchoring, interviewing, sideline reporting, play-by-play announcing and color analyst/commenting along with ESports are covered in this course.

Special emphasis will be given to the particular demands and playing environments of spring sports such as basketball and track and field. Field work in coverage of spring sports involves interview shows with coaches, players, and sports figures and more.

MEDIA 18, Broadcast Advertising **3 units**

Transfer: CSU

- Prerequisite: None.

Media Studies 18 is the same course as Business 33. Students may receive credit for one, but not both.

This course examines advertising as an economic support for commercial broadcast, cable, and related telecommunications media. Audience surveys, rate structures, client, ad rep firms and advertising agency relationships are discussed and explored.

MEDIA 19, Broadcasting Workshop **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Media Studies 13 or 14.

Formerly Broadcasting 9.

This course offers further training and practical experience in producing and announcing for radio. Students use digital audio workstations to produce commercials, newscasts, promos and various other audio projects. Lecture topics include an overview of current industry trends, plus instruction on voice overs, digital editing and mixing, podcasting, Internet streaming and satellite radio.

MEDIA 20, Introduction to Media Writing and Producing Short-Form Content **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 20.

Basic introductory course in writing for all forms of screen and new media. Emphasis on preparing scripts in proper formats, including fundamental technical, conceptual and stylistic issues related to writing scripts for sports, informational and entertainment purposes. This course also offers basic training and practical experience in writing, producing, shooting, music selection, and directing voice-over talent for short-form media projects. These project forms include on-air promos, commercials, public service announcements, web series, and special marketing campaigns. The course will take a hands-on approach to enable the development of basic copywriting and production skills, and will provide students with an introductory understanding of television, radio, and alternative media branding and marketing strategies. Includes a writing evaluation component as a significant part of the course requirement. Storytelling, scriptwriting, and coordinating essential production elements will be emphasized.

MEDIA 21, Short Form Visual Media Production **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Media Studies 20.

Formerly Broadcasting 21.

This course offers advanced instruction and focused practical experience in concept development, writing and producing for short form visual media projects. These project forms include on-air promos, commercials, public service announcements (PSA's), webisodes, and special visual mar-

keting campaigns. The major course objective is to enable professional visual writing and production skills through immersion in short-form producing and writing assignments applicable to television, radio, internet, mobile device, and other digital media formats. Story and script development, and short form project conception and production will be emphasized.

MEDIA 25, Engaging Audiences for Journalism and Social Media **4 units**

Transfer: CSU

Student media practicum and lab where students produce engaging social media journalism content for the campus community. Students learn how to plan, pitch, innovate and execute news content pieces across the social and digital landscape. Students collaborate with student newsroom writers, photojournalists, designers and editors to develop audience engagement strategies following media industry best practices. Students use analytics and metrics to analyze how audiences engage with created content.

MEDIA 25 is the same course as JOURN 7. Students may earn credit for one, but not both.

MEDIA 26, Digital Storytelling in Spanish **3 units**

Transfer: CSU

- Skills Advisory: Spanish 25.

This survey class, taught in Spanish, will introduce students to the historical and current trends in Spanish-language media and LatinX-oriented media in the United States. Students will compare demographic evolution and resultant effects on media contexts. Students will practice media production techniques and create media content. As a part of this course, students will experience work in the communications field through experiential learning placements. *Media Studies 26 is the same course as Spanish 26. Students may earn credit for one but not both.*

MEDIA 46, Television Production **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 46.

This course provides basic training in the use of television equipment and facilities; camera operations; audio and video control; lighting; graphics; editing; portable video, and audio production techniques.

MEDIA 48, Television Field Production Workshop **3 units**

Transfer: CSU

- Prerequisite: None.

Formerly Broadcasting 48.

Students will produce a variety of electronic media projects primarily for airing on public cable access and public television station channels. Projects will also be developed for pod-casting, inclusion in video/film festivals, and distribution to other media entities. The emphasis in this course is on the development of creative video camera techniques, writing, producing, and editing skills for the production of digital media. Students will also have the opportunity to produce video segments for the Corsair newspaper online edition.

MEDIA 88A, Independent Studies in Media Studies **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

MEDIA 88B, Independent Studies in Media Studies **2 units**

Transfer: CSU

Please see "Independent Studies" section.

MEDIA 88C, Independent Studies in Media Studies **3 units**

Transfer: CSU

Please see "Independent Studies" section.

MEDIA 90B, Internship in Media Studies **2 units**

Transfer: CSU

Please see "Internships" section.

MEDIA 90C, Internship in Media Studies **3 units**

Transfer: CSU

Please see "Internships" section.

Microbiology

Please see listing under "Biological Sciences."

Modern Languages

SMC offers courses in American Sign Language, Arabic, Chinese (Mandarin), French, German, Hebrew, Italian, Japanese, Korean, Persian (Farsi), Portuguese, Russian, Spanish, and Turkish. Classes are listed under name of specific language.

Music: Appreciation and History

See also "Music: Theory, Performance, and Application"

This curriculum teaches students how to understand what they hear in different genres of music such as Western European Art Music (Classical Music), Jazz, World Music, Rock, and Popular. In this context, "Appreciation" means understanding the value, characteristics, components, cultural meanings, and historical contexts of various styles of music. Many of the courses are designed for non-music majors. Attendance at one Music department concert for which students may have to purchase a ticket is required. Online classes are exempt.

MUSIC 27, Music for Early Childhood Education **3 units**

Transfer: CSU

This course is an introduction to teaching music classes for children ages infancy through age 6 in a group setting. Various music teaching techniques and teaching materials will be explored.

MUSIC 27 is the same course as ECE 81. Students may earn credit for one, but not both.

MUSIC 29, A World of Music **3 units**

Transfer: UC, CSU

IGETC AREA 3A (Arts)

Satisfies Global Citizenship

- Prerequisite: None.

This course offers an exploration of Global cultures through music. Students will study musical instruments, musical elements in composition, styles, and performance practices of different regions of the world. This course also explores artistic, social and historical contexts that lead to the development of different/cultural forms of music.

MUSIC 30, Music History I **3 units**

Transfer: UC, CSU
IGETC AREA 3A (Arts)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a survey of music in Western Civilization from Antiquity through Baroque (approximately 800 BC to 1750 AD). Emphasis is placed upon the principal composers and their works related to the history and philosophy of each stylistic period and interrelationships with the arts and humanities in general. The stylistic periods covered include Greco-Roman, Romanesque, Gothic, Renaissance and Baroque. The course is designed for the music major, but open to all.

MUSIC 31, Music History II **3 units**

Transfer: UC, CSU
IGETC AREA 3A (Arts)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a survey of music in Western Civilization from the Rococo Period (about 1720) to the present. Emphasis is placed upon the principal composers and their works related to the history and philosophy of each stylistic period and interrelationships with the arts and humanities in general. The stylistic periods covered include Rococo, Classical, Romantic, Impressionist, and the diverse directions of the twentieth and twenty-first centuries. The course is designed for the music major but open to all.

MUSIC 32, Appreciation of Music **3 units**

Transfer: UC, CSU
IGETC AREA 3A (Arts)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is designed for the non-major. It utilizes a broad approach to musical literature, primarily of the sixteenth through twenty-first centuries, and its place in the cultural development of Western Civilization. It provides the tools for a basic understanding of music, an awareness of the primary musical styles, comprehension of the building blocks of music, and the development of an attentive level of listening.

MUSIC 33, Jazz in American Culture **3 units**

Transfer: UC (meets UC Berkeley American Cultures graduation requirement), CSU
IGETC AREA 3A (Arts)

Satisfies Global Citizenship

- Prerequisite: None.

This course concentrates on the origin, development and major musical styles of Jazz music in American culture with significant emphasis placed on the sociopolitical and economic realities that resulted in shaping the musical decisions of the primary innovators. The course will further illustrate how the multicultural intersection of the

African-American, European-American and Chicano/Latino communities has been, and continues to be, an essential element for the existence and proliferation of this uniquely American art form. Designed for the non-major.

MUSIC 36, History of Rock Music **3 units**

Transfer: UC, CSU
IGETC AREA 3A (Arts)
Satisfies Global Citizenship

- Prerequisite: None.

This course is a musical and cultural survey of popular music widely referred to as Rock & Roll. Musical trends are followed from influential traditions of early blues and jazz at the beginning of the twentieth century and include the emergence of Rock & Roll in the early 1950's, Motown, the "British Invasion", Art Rock, Heavy Metal, Punk, Rap and Hip-Hop, Techno, Grunge, Electronica, Garage Rock and Modern Rock.

MUSIC 37, Music in American Culture **3 units**

Transfer: UC (meets UC Berkeley American Cultures graduation requirement), CSU
IGETC AREA 3A (Arts)

Satisfies Global Citizenship

- Prerequisite: None.

This course is a survey of the music of Native Americans, European Americans, African Americans, Latino Americans and Asian Americans from their historical roots to the present, including blues, gospel, bluegrass, zydeco, salsa, mariachi, norteno, and taiko, and the impact of traditional music on American pop styles. The course examines musical elements, the role of music in society, and how music reflects culture. Students will develop listening and descriptive skills through a variety of media including recordings, video and live demonstration. The course is open to all regardless of previous musical background or experience.

MUSIC 39, History of Opera **3 units**

Transfer: UC, CSU
IGETC AREA 3A (Arts)

- Prerequisite: None.

The history of opera, from 'l'Orfeo' by Monteverdi to the present day. An examination of the creative elements of opera which combines the visual, vocal, instrumental, literary and kinesthetic arts into an art form that can measure a civilized culture. The origins of modern opera in Italy, soon followed by French, German, Russian, English, Spanish, other European and American variations, and a worldwide variety of theater forms presented in the language of music.

Music: Theory, Performance, and Application

See also "Music: Appreciation and History"

Studying music is a multifaceted endeavor that requires students to master various theoretical concepts and practical skills. Our courses focus on giving students an understanding of the elements of music such as melody, harmony, rhythm, timbre, and form, with opportunities to apply that understanding to real-world performance activities. Some performance courses require an audition. A maximum of 12 units is allowed in performance courses.

MUSIC 1, Fundamentals of Music 3 units

Transfer: UC*, CSU
IGETC AREA 3A (Arts)

- Prerequisite: None.

**No UC transfer credit for Music 1 if taken after Music 2. See also Music 66.*

This course provides the study of the rudiments of music notation, including scales, intervals, triads and seventh chords. Also included are rhythmic drills, sight singing and exercises using computer-assisted-instruction. This course (or the equivalent) is a prerequisite for all other music theory courses.

Music 1 is equivalent to the theory portion of Music 66. Credit may be earned for Music 1 or 66 but not both.

MUSIC 2, Musicianship 2 units

Transfer: UC*, CSU

- Prerequisite: None. Corequisite: Music 6.
- Advisory: MUSIC 1 and MUSIC 5.

**No UC transfer credit for Music 1 if taken after Music 2.*

This course covers sight singing with the “movable do” system, keyboard harmony, and in-class dictation of melodic lines, rhythmic patterns, intervals, harmonic progressions. Also included are ear training exercises using computer-assisted-instruction. Correlated with Music 6 (Diatonic Harmony).

MUSIC 3, Musicianship 2 units

Transfer: UC, CSU

- Prerequisite: Music 2.

Corequisite: Music 7.

This course provides a guided study of basic musical phenomena and traditional notation through sight singing, dictation, ear training, and keyboard harmony with the primary aim of developing musical perception, comprehension and fluency. Topics covered include sight singing with the “movable do” system, keyboard harmony, and in-class dictation of melodic lines, rhythmic patterns, intervals, harmonic progressions. Also included are ear training exercises using computer-assisted-instruction. Correlated with Music 7 (Chromatic Harmony).

MUSIC 4, Musicianship 2 units

Transfer: UC, CSU

- Prerequisite: Music 3.

Corequisite: Music 8.

This course provides a guided study of basic musical phenomena and traditional notation through sight singing, dictation, ear training, and keyboard harmony with the primary aim of developing musical perception, comprehension and fluency. Topics covered include sight singing with the “movable do” system, keyboard harmony, and in-class dictation of melodic lines, rhythmic patterns, intervals, harmonic progressions, and take-home transcription projects. Also included are ear training exercises using computer-assisted-instruction. Correlated with Music 8 (Modulation and Analysis).

MUSIC 5, Fundamentals of Musicianship 2 units

Transfer: UC, CSU

- Advisory: Music 1 or concurrent enrollment in Music 1.

This course covers the rudiments of sight singing with the “movable do” system, keyboard harmony, and in-class dictation of melodic lines, rhythmic patterns, intervals, har-

monic progressions. Also included are ear training exercises using computer-assisted instruction.

MUSIC 6, Diatonic Harmony 3 units

Transfer: UC, CSU

Corequisite: Music 2.

- Skills Advisory: Music 1.

This course provides a study of the diatonic materials of the common practice: triads, seventh chords, root progressions, and the strict discipline of part writing based on the Bach chorale. Also included are cadences, nonchord tones, phrase structure, and modulation to closely related keys. Correlated with Music 2 (Musicianship).

MUSIC 7, Chromatic Harmony 3 units

Transfer: UC, CSU

- Prerequisite: Music 6.

Corequisite: Music 3.

This course continues the study of conventional harmony by introducing secondary dominants, diminished seventh chords, dominant ninth chords, and altered chords such as the Neapolitan, augmented sixth chords, and contemporary chord extensions. The discipline of part writing is continued, and the notions of both permanent and transient modulation are explored. Correlated with Music 3 (Musicianship).

MUSIC 8, Modulation and Analysis 3 units

Transfer: UC, CSU

- Prerequisite: Music 7.

Corequisite: Music 4.

This course is designed to integrate the elements of harmonic structure presented in Music 6 and 7 with broader concepts of style so that entire compositions of the common practice period can be analyzed and understood. Emphasis is placed on chord analysis, phrase structure, tonal relationships, and macro-form. As a supplement, an introduction to the melodic and harmonic devices of the 20th Century is given. Correlated with Music 4 (Musicianship).

MUSIC 10, Popular Harmony and Arranging 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Music 2 and Music 6.

This course is the study of the harmonic idioms used in popular music and in jazz. It covers the language of chord symbols, analysis of conventional chord progressions, the writing of lead sheets, and an introduction to commercial and jazz arranging techniques.

MUSIC 12, Introduction to Music Technology 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Music 2 and 6.

This course is designed to train students in the understanding and application of music technology with emphasis on computer music notation, MIDI sequencing, and digital sound production. It will provide an overview of the various computer and audio components in the Music Department's Music Media Lab and will cover music software programs for music notation and for audio editing and production.

MUSIC 13, Tonal Counterpoint**3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Music 3 and 7.

This course is a detailed study of the contrapuntal style of the Late Baroque period. Original student work in the form of exercises and complete compositions using 18th Century idioms is a part of the study. Analysis and performance of representative works of J.S. Bach and his contemporaries are included.

MUSIC 19, Orchestration**3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Music 3 and 7.

This course is a study of the techniques of scoring music for the standard symphony orchestra. The ranges, colors, transpositions, and technical capabilities of the string, woodwind, brass, and percussion instruments are all studied. Methods of combining the instruments into performing groups of various sizes are also covered.

MUSIC 24, Conducting**2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Music 2 and 6.

Fundamentals in conducting techniques are studied with reference to directing instrumental and vocal organizations.

MUSIC 40, Opera Workshop**2 units**

Transfer: UC, CSU

- Prerequisite: Pre-enrollment audition required.
- Skills Advisory: Music 50B.

The philosophy of this course is that everyone who wants to sing opera should have the opportunity to do so. In this workshop, those who are enrolled will be assigned parts commensurate with their experience, vocal technique and enthusiasm for participation.

MUSIC 40S, Opera Workshop**0.5 units**

Transfer: UC, CSU

- Prerequisite: Audition required.
- Skills Advisory: Music 50B.

This course is designed for intermediate and advanced singers interested in developing their vocal abilities and becoming acquainted with and learning selected works from the standard operatic repertoire. The course will offer solo and ensemble experience through singing, acting, and movement leading to the public performance of operatic scenes. This is the summer version of Music 40.

MUSIC 42, Advanced Opera Production**5 units**

Transfer: UC, CSU

- Prerequisite: Pre-enrollment audition.
- Advisory: MUSIC 50B.

This course consists of rehearsals and performance of a full-length operatic production with orchestra. Emphasis is placed on the cooperative blending of all theatre and musical activities into a finished public performance.

MUSIC 45, Musical Theatre Workshop**3 units**

Transfer: UC, CSU

- Prerequisite: Audition required.

This course introduces the student to theories, techniques and practices of musical theatre performance. The class

concentrates on preparing and performing scenes from musical theatre, culminating in a public performance. Attendance at theatre productions for which students must purchase tickets is required.

Music 45 is the same course as Theatre Arts 45. Students may earn credit for one, but not both.

MUSIC 46, Production for the Younger Audience**3 units**

Transfer: CSU

- Prerequisite: Pre-enrollment audition required.
- Co-enrollment in Theatre Arts 51 is required.

This course includes rehearsals and performances of a theatrical production geared specifically for a younger audience. It explores acting skills through the application and development of progressive performance techniques. Emphasis is placed on cooperative blending of all theatre activities into a finished public performance. Students will rehearse and prepare material and learn about the processes of performing for the live theatre.

Music 46 is the same as Theatre Arts 53. Students may earn credit for one but not both.

MUSIC 50A, Elementary Voice**2 units**

Transfer: UC, CSU

- Prerequisite: None.

Introduction to the fundamental principles of singing: breath control, tone production, diction and the use of appropriate song material.

MUSIC 50B, Intermediate Voice**2 units**

Transfer: UC, CSU

- Advisory: Music 50A.

Continued development of vocal technique, musicianship, style and interpretations and song repertoire.

MUSIC 52, Advanced Production – Musical Theatre**5 units**

Transfer: UC, CSU

- Prerequisite: Audition required.

This course includes rehearsals and performances of the department's musical theatre production. Dance laboratory is included. *See counselor regarding transfer credit limitations.

MUSIC 53, Jazz Vocal Ensemble**2 units**

Transfer: CSU

- Prerequisite: Audition required.

The jazz vocal ensemble is open to all students, subject to audition standards. Selected vocal students function as a musical ensemble. They prepare and perform vocal music in the jazz and popular idiom.

MUSIC 55, Concert Chorale**2 units**

Transfer: UC, CSU

- Prerequisite: Audition required.

The concert chorale is open to all students, subject to audition standards. The course includes study and performance of major choral works, both a cappella and accompanied.

MUSIC 57, Advanced Vocal Performance Techniques 2 units

Transfer: UC, CSU

- Prerequisite: Pre-enrollment audition required.
- Skills Advisory: Music 1 and Music 50B

This course is designed for the advanced vocal student. It includes an introduction to the International Phonetic Association sound symbols and their usage in performance preparation; appropriate stylistic exercise and vocalise techniques; song form analysis; in-depth song preparation techniques; professional standards of conduct when working with other musicians; and advanced stage performance and auditioning techniques. Repertoire from the Classical, Jazz, Musical Theater, and Pop genres will be included. The course will include individual in-class performances and culminate in a final public performance of selected material. Acceptance into the course shall be by audition.

MUSIC 59, Chamber Choir 2 units

Transfer: UC, CSU

- Prerequisite: Audition required.

The chamber choir studies and performs compositions ranging from the madrigal to contemporary works suitable for smaller ensembles.

MUSIC 60A, Elementary Piano, First Level 2 units

Transfer: UC, CSU

- Prerequisite: None.

See also Music 66.

Instruction in this course ranges from an introduction to the keyboard to the reading of simple pieces at sight in all major keys. Technical problems, basic music theory, major scales, hand-over-hand arpeggios, simple chording and an introduction to piano literature are stressed.

Music 60A is equivalent to the piano portion of Music 66. Credit may be earned for Music 60A or Music 66 but not both. Access to a piano in good playing condition or a digital piano is required. A limited number of loaner digital pianos are available for use while enrolled in this course.

MUSIC 60B, Elementary Piano, Second Level 2 units

Transfer: UC, CSU

- Skills Advisory: Music 60A.

A limited number of loaner digital pianos are available for use while enrolled in this course.

Instruction in this course ranges from an introduction to major and harmonic minor scale fingerings, minor key signatures, hand-over-hand arpeggios, triad inversions, primary chord harmonization, sight reading and transposition. Pieces are studied with attention to basic concepts of piano technique and interpretation such as phrasing, tone, touches and dynamics.

MUSIC 60C, Elementary Piano, Third Level 2 units

Transfer: UC, CSU

- Skills Advisory: Music 60B.

A limited number of loaner digital pianos are available for use while enrolled in this course.

Instruction in this course includes an emphasis on repertoire by master composers with attention to technical approach, interpretation and harmonic analysis. Major and harmonic minor scales, arpeggios and inversions are continued.

MUSIC 60D, Elementary Piano, Fourth Level 2 units

Transfer: UC, CSU

- Skills Advisory: Music 60C.

A limited number of loaner digital pianos are available for use while enrolled in this course.

In this course elementary pieces from the standard repertoire of all musical periods are studied with an emphasis on technique, interpretation and harmonic analysis. Keyboard musicianship skills, including major and harmonic minor scales, major and minor arpeggios and chord progressions involving seventh chords and secondary triads, are stressed.

MUSIC 61A, Intermediate Piano, Fifth Level 2 units

Transfer: UC, CSU

- Skills Advisory: Music 60D.

A limited number of loaner digital pianos are available for use while enrolled in this course.

A study of intermediate level original piano compositions by master composers. Includes technical studies, analysis of literature performed, in-depth instruction on the interpretation of literature performed, major and minor scales (4 octaves, hands together), chord progressions and harmonization.

MUSIC 61B, Intermediate Piano, Sixth Level 2 units

Transfer: UC, CSU

- Skills Advisory: Music 61A.

A limited number of loaner digital pianos are available for use while enrolled in this course.

A study of upper intermediate and early advanced levels of original piano compositions by master composers. Includes technical studies, analysis of literature performed, in-depth instruction on the interpretation of literature performed, major and minor scales (4 octaves, hands together), chord progressions (including modulation).

MUSIC 63, Sight Reading at Keyboard 2 units

Transfer: CSU

- Skills Advisory: Music 61A or equivalent.

A limited number of loaner digital pianos are available for use while enrolled in this course.

A course to develop sight reading (Prima Vista) skills. Intended for students who can play pieces that have been practiced repeatedly (or memorized), but who cannot perform music being seen for the first time with any degree of ease of confidence. Student should have the ability to sight read adequately.

MUSIC 64, Piano Ensemble 2 units

Transfer: UC, CSU

- Skills Advisory: MUSIC 60C or equivalent.

Student must have the ability to sight read adequately. A limited number of loaner digital pianos are available for use while enrolled in this course.

This course is designed for students interested in performing standard literature by master composers for duo piano (2 players/2 pianos), piano duet (2 players/2piano), and piano quartet (4 players/2 pianos). It will cover music written for this medium from the 18th century to the present. There may be an opportunity for a public performance. Students should have the ability to sight read.

MUSIC 65A, Keyboard Improvisation I 2 units

Transfer: UC, CSU

- Skills Advisory: Music 60C.

A limited number of loaner digital pianos are available for use while enrolled in this course.

Instruction includes 7th, 9th, 11th and 13th chords; their voicing and use in jazz standards. Improvisation techniques for jazz, blues, pop, Latin and gospel style are included.

MUSIC 65B, Keyboard Improvisation II 2 units

Transfer: UC, CSU

- Skills Advisory: Music 65A.

A limited number of loaner digital pianos are available for use while enrolled in this course.

Continuation and application of material studied in Music 65A, including all 7th, 9th, 11th and 13th chords, their voicing and use in jazz standards. Improvising techniques for jazz, blues, pop, Latin and gospel styles are included.

MUSIC 66, Fundamentals of Music and Elementary Piano 5 units

Transfer: UC, CSU

- Prerequisite: None.

See also Music 1 and Music 60A. A limited number of loaner digital pianos are available for use while enrolled in this course.

This course combines the study of the rudiments of music theory with an introduction to the keyboard. Included is the knowledge of music notation, scales, intervals, triads and seventh chords, rhythmic drills and sight singing. Piano studies include technical exercises, major scales, hand-over-hand arpeggios, simple chording and an introduction to piano literature. The fundamentals of music component of this course (or the equivalent) is a prerequisite for all other music theory courses. The piano component (or the equivalent) is a prerequisite for all other piano courses.

Music 66 is equivalent to taking Music 1 and Music 60A. A student taking Music 66 may not earn credit for Music 1 or Music 60A.

MUSIC 69D, Interpretation of 20th Century Piano Music 2 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Music 61B or equivalent.

This course will focus on the performance of standard keyboard repertoire by major composers of the twentieth century. The composers under study will include Debussy, Ravel, Scriabin, Bartok, Hindemith, Schoenberg, Prokofiev, Kabalevsky, Stravinsky, Copland, Barber, Ginastera, and others. This course is designed for upper-intermediate or early advanced pianists.

MUSIC 70A, String Instrument Techniques 2 units

Transfer: UC, CSU

- Prerequisite: None.

A limited number of loaner instruments are available for use while enrolled in this course.

This course provides instruction in and reinforcement of the basic skills needed to play the instruments of the orchestral string family (violin, viola, cello and bass). Included are hand position, bow hold, fingerings, intonation, and posture.

MUSIC 70B, Intermediate Strings Techniques 2 units

Transfer: UC, CSU

- Skills Advisory: Music 70A.

A limited number of loaner instruments are available for use while enrolled in this course.

This course is designed as an intermediate level class to continue development of the skills needed to play bowed string instruments (violin, viola, cello, string bass) and to improve reading skills. This course will offer a first level ensemble experience with emphasis on precision, intonation, balance, and blend. A separate time will be scheduled to help prepare more advanced students for the orchestra.

MUSIC 70C, Intermediate Strings Orchestra 2 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Music 70B or audition.

A limited number of loaner instruments are available for use while enrolled in this course.

This course provides study of musical style and rehearsal techniques as they relate to the performance of intermediate level string orchestra literature. Ability to play a string instrument is required. During the course attention also will be given to technical development of the students in relation to the music that is being studied.

MUSIC 71, Woodwind Instrument Techniques 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course provides instruction in and reinforcement of the basic technical skills need to play instruments of the woodwind family, including embouchure development, standard and auxiliary fingerings, hand position, posture, and diaphragmatic breathing. Instruments of the woodwind family include flute, clarinet, oboe, bassoon, and bass clarinet.

MUSIC 72, Brass Instrument Techniques 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course is the study of fundamental techniques, including tone production, fingerings, embouchure and hand position, of standard brass instruments which include trumpet, horn, euphonium, trombone and tuba.

MUSIC 73A, Percussion Ensemble Instrument Techniques 2 units

Transfer: UC, CSU

- Prerequisite: None.

Instruction in the basic techniques of concert percussion for beginners, emphasizing snare drum and orchestra bells. Techniques of other instruments, including bass drum, cymbals, triangle, tambourine and timpani will be demonstrated. Students will play individually and in small ensembles.

MUSIC 73B, Intermediate Percussion Ensemble 2 units

Transfer: UC, CSU

- Skills Advisory: Music 73A.

Instruction in percussion and snare drum at a more advanced level than given in Music 73A. Additional instruction will be given in other percussion instruments, such as bass drum, cymbals, timpani, and tambourine. Class rehearsal as well as outside preparation will lead to public performance.

MUSIC 74, Orchestra 2 units

Transfer: UC, CSU

- Prerequisite: Audition required.

This course provides study of musical style and rehearsal techniques as they relate to the performance of orchestra literature.

MUSIC 74S, Orchestra 0.5 unit

Transfer: CSU

- Prerequisite: Audition required.

This course provides study of musical style and rehearsal techniques as they relate to the performance of orchestra literature. Ability to play an orchestral instrument is required.

MUSIC 75, Instrumental Chamber Music Repertoire 2 units

Transfer: UC, CSU

- Prerequisite: Audition required.

The study of musical literature, musical style, rehearsal techniques and ensemble playing as they relate to the performance of instrumental chamber music.

MUSIC 76, Intermediate Brass, Woodwinds, and Percussion 2 units

Transfer: UC, CSU

- Skills Advisory: Music 71, 72, 73A, or 73B.

This course is designed as an intermediate level class to continue skill development of the individual brass, woodwind, and percussion instruments and improve reading skills. The course will offer a first-level ensemble experience with emphasis directed to precision, intonation, balance and blend.

MUSIC 77, Wind Ensemble 2 units

Transfer: UC, CSU

- Prerequisite: Audition required.

This course provides study and performance of musical literature written for wind ensemble with emphasis on style and rehearsal technique as they relate to the performance of band literature. Ability to play a band instrument is required.

MUSIC 77S, Wind Ensemble 0.5 units

Transfer: CSU

- Prerequisite: Audition Required.

This course provides study and performance of musical literature written for wind ensemble with emphasis on style and rehearsal technique as they relate to the performance of band literature. Ability to play a band instrument is required.

MUSIC 78, Jazz Ensemble 2 units

Transfer: UC, CSU

- Prerequisite: Audition required.

This course provides rehearsal and performance of literature written for large jazz ensembles with emphasis on methods and materials. Musical materials include published arrangements of standard tunes, special arrangements of standard tunes, and contemporary compositions in the jazz idiom and selected according to the ability of the group. Ability to play an instrument and instructor's approval are required.

MUSIC 79A, Jazz Improvisation 2 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Music 1.

This course focuses on the development of idiomatic jazz improvisation skills through the study of jazz standard tunes, 12 bar blues, jazz theory, ear training, transcriptions and performance.

MUSIC 84A, Popular Guitar, First Level 2 units

Transfer: UC, CSU

The study and performance of popular guitar styles in the range of beginning to intermediate skills of music reading, interpretation and performance.

Access to a guitar in good playing condition is required. A limited number of loaner guitars are available for use while enrolled in this course.

MUSIC 84B, Popular Guitar, Second Level 2 units

Transfer: UC, CSU

- Skills Advisory: Music 84A.

The study and performance of popular guitar styles in the range of intermediate difficulty are the goals of this course. The course includes finger styles as found in Folk, Rock, Jazz, and their variations.

Access to a guitar in good playing condition is required. A limited number of loaner guitars are available for use while enrolled in this course.

MUSIC 84C, Popular Guitar, Third Level 2 units

Transfer: UC, CSU

- Skills Advisory: Music 84B.

The study and performance of popular guitar styles in the range of intermediate difficulty are the goals of this course. The course includes finger styles as found in Folk, Rock, Jazz, and their variations.

Access to a guitar in good playing condition is required. A limited number of loaner guitars are available for use while enrolled in this course.

MUSIC 87A, Fingerstyle Guitar, First Level 2 units

Transfer: UC, CSU

This course focuses on music reading in first-position from beginning to intermediate level and on right- and left-hand skills, using repertoire from Classical, Flamenco, Popular, and other traditions.

Access to a guitar in good playing condition is required. A limited number of loaner guitars are available for use while enrolled in this course.

MUSIC 87B, Fingerstyle Guitar, Second Level 2 units

Transfer: UC, CSU

- Advisory: MUSIC 87A.

This course focuses on music reading in first-position at the intermediate level and on right- and left-hand skills, using repertoire from Classical, Flamenco, Popular, and other traditions.

Access to a guitar in good playing condition is required. A limited number of loaner guitars are available for use while enrolled in this course.

MUSIC 88A, Independent Studies in Music 1 unit

Transfer: CSU

Please see "Independent Studies" section.

MUSIC 88B, Independent Studies in Music 2 units

Transfer: CSU

Please see "Independent Studies" section.

MUSIC 92, Applied Music Instruction 2 units

Transfer: UC, CSU

- Prerequisite: Audition required.
- Corequisite: Music 94; and one of the following: Music 40, 42, 45, 52, 53, 55, 59, 64, 73B, 74, 76, 77, 78.

Auditions will be held. For information call SMC Music Department at 310-434-4323 or visit smc.edu/music. Students will be assigned section numbers after acceptance into the program.

This course is designed to provide students with individual instruction in the applied areas of instrumental performance, vocal performance, and composition. The two units of credit require a weekly one-hour private lesson and five hours of individual practice per week. Students may repeat for credit for a total of four semesters.

MUSIC 94, Concert Music Class 1 unit

Transfer: UC, CSU

- Prerequisite: Audition required.
- Corequisite: Music 92; and one of the following: Music 40, 42, 45, 52, 53, 55, 59, 64, 73B, 74, 76, 77, 78.

This course is designed to provide students in the Applied Music Program performance opportunities in a controlled environment in the areas of instrumental performance, vocal performance, and composition. Students may repeat this class for credit for a total of four semesters.

Noncredit Classes

Noncredit courses are free to students. These courses do NOT carry academic credit. Visit smc.edu/noncredit for information on noncredit certificate career development and college preparation courses. For course details, please look for the following course headings:

Bicycle Maintenance – Noncredit***Business – Noncredit******Computer Information Systems – Noncredit******Counseling: Noncredit******Counseling:******Disabled Student Services – Noncredit******Early Childhood Education – Noncredit******English – Noncredit******ESL – Noncredit******Health – Noncredit******Nursing – Noncredit******Political Science – Noncredit******Sustainability Systems and Technology – Noncredit***

Nursing

NURSNG 1, Fundamentals of Nursing**Concepts 1****2 units**

Transfer: CSU

- Prerequisite: Admission to Nursing Program, Anatomy 1, English 1, Microbiology 1, Physiology 3.
- Corequisite: Nursing 1L.

This course provides a basic introduction to nursing and roles of the nurse, as well as professional concepts related to patient-centered care, safety, teamwork and collaboration, evidence-based practice, quality improvement, and informatics. Emphasis is placed on the knowledge and skills needed to provide safe, quality care to the adult and older adult. The theoretical foundation for communication and nursing skills is presented. An introduction to the nursing process provides a framework to assist students in developing effective clinical reasoning, clinical judgment, and clinical decision making.

NURSNG 1L, Fundamentals of Nursing**Concepts 1 Lab****2.5 units**

Transfer: CSU

- Prerequisite: Admission to Nursing Program.
- Corequisite: Nursing 1.

This course provides the opportunity for students to apply foundational concepts related to patient-centered care, safety, teamwork and collaboration, evidence-based practice, quality improvement, and informatics. Emphasis is placed on the knowledge and skills needed to provide safe, quality care. Students will begin to utilize communication and nursing skills in the laboratory and long-term care settings. The nursing process provides a framework to assist students in developing effective clinical decision making.

NURSNG 2, Fundamentals of Nursing**Concepts 2****2.5 units**

Transfer: CSU

- Prerequisite: Nursing 1 and 36.
- Corequisite: Nursing 2L.

This course expands the discussion of the roles of the nurse, as well as profession-related and patient care concepts. Emphasis is placed on leadership, spirituality, sexuality, nutrition, medication administration, and patient education. An exploration of basic human needs and nursing skills is presented in providing care for the adult and older adult.

NURSNG 2L, Fundamentals of Nursing**Concepts 2 Lab****2.5 units**

Transfer: CSU

- Corequisite: Nursing 2.

This course expands the application of the roles of the nurse, as well as profession-related and patient care concepts. In the laboratory and clinical setting emphasis is placed on leadership, spirituality, sexuality, nutrition, medication administration, and patient education. An integration of basic human needs and nursing skills are practiced.

NURSNG 3, Adult Health Nursing Concepts 1**2.5 units**

Transfer: CSU

- Prerequisite: Nursing 2.
- Corequisite: Nursing 3L and 17.

This course focuses on the care of adult patients with health alterations that require medical and/or surgical intervention. Emphasis is placed on the care of patients with alterations in selected body functions. Concepts of patient-centered care, cultural sensitivity, informatics, safe practice, and professionalism are integrated throughout the course.

NURSNG 3L, Adult Health Nursing Concepts 1 Lab**2.5 units**

Transfer: CSU

- Corequisite: Nursing 3.

This clinical course focuses on the care of adult patients with health alterations that require medical and/or surgical intervention. Emphasis is placed on the care of patients with alterations in selected body functions. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe patient care to adults in a variety of settings. Concepts of patient-centered care, cultural sensitivity, informatics, safe practice, and professionalism are integrated throughout the course.

NURSNG 4, Mental Health Nursing Concepts 1.5 units

Transfer: CSU

- Prerequisite: Nursing 3.
- Corequisite: Nursing 4L.

This course focuses on the care of patients across the lifespan experiencing cognitive, mental and behavioral disorders. Emphasis is placed on management of patients facing emotional and psychological stressors as well as promoting and maintaining the mental health of individuals and families. Concepts of crisis intervention, therapeutic communication, anger management, and coping skills are integrated throughout the course. The community as a site for care and support services is addressed.

NURSNG 4L, Mental Health Concepts Lab 1.5 units

Transfer: CSU

- Corequisite: Nursing 4.

This clinical course focuses on the care of patients experiencing cognitive, mental and behavioral disorders. Emphasis is placed on management of patients facing emotional and psychological stressors as well as promoting and maintaining the mental health of individuals and families. Concepts of crisis intervention, therapeutic communication, anger management, and coping skills are integrated throughout the clinical experience. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe patient care to patients in selected mental health settings.

NURSNG 5, Adult Health Nursing Concepts 2**2.5 units**

Transfer: CSU

- Prerequisite: Nursing 4 and 17.
- Corequisite: Nursing 5L.

This course focuses on the care of adult patients with complex medical/surgical health problems. Emphasis is placed on helping patients and their families cope with alterations in body functions. Concepts of pharmacology, health promotion and education, evidence-based practice, and

interdisciplinary collaboration will be integrated throughout the course.

NURSNG 5L, Adult Health Nursing Concepts 2 Lab**2.5 units**

Transfer: CSU

- Corequisite: Nursing 5.

This clinical course provides the student an opportunity to apply theoretical concepts and implement safe care for adult patients with complex medical/surgical health problems in a variety of settings. Emphasis is placed on helping patients and their families cope with alterations in body functions. Concepts of pharmacology, health promotion, education, evidence based practice, and interdisciplinary collaboration will be applied throughout the clinical course.

NURSNG 6, Maternal Newborn Nursing Concepts**1.5 units**

Transfer: CSU

- Prerequisite: Nursing 5.
- Corequisite: Nursing 6L.

This course provides an integrative, family-centered approach to the care of mothers, newborns, and families. Emphasis is placed on normal and high-risk pregnancies, normal growth and development, family dynamics and the promotion of healthy behaviors in patients.

NURSNG 6L, Maternal Newborn Nursing Concepts Lab**1 unit**

Transfer: CSU

- Corequisite: Nursing 6.

This clinical course provides an integrative, family-centered approach to the care of mothers, newborns and families. Emphasis is placed on normal and high-risk pregnancies, normal growth and development, family dynamics and the promotion of healthy behaviors in patients. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe patient care to mothers and newborns in selected settings.

NURSNG 7, Pediatric Nursing Concepts 1.5 units

Transfer: CSU

- Prerequisite: Nursing 5.
- Corequisite: Nursing 7L.

This course provides an integrative, family-centered approach to the care of children. Emphasis is placed on normal growth and development, family dynamics, common pediatric disorders and the promotion of healthy behaviors in patients.

NURSNG 7L, Pediatric Nursing Concepts Lab 1 unit

Transfer: CSU

- Corequisite: Nursing 7.

This clinical course provides an integrative, family-centered approach to the care of children. Emphasis is placed on normal growth and development, family dynamics, common pediatric disorders and the promotion of healthy behaviors in patients. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe patient care to children in selected settings.

NURSNG 8, Adult Health Nursing**Concepts 3****2.5 units**

Transfer: CSU

- Prerequisite: Nursing 5.
- Corequisite: Nursing 8L.

This course focuses on advanced concepts of nursing care as they relate to patients with complex, multi-system alterations in health. Emphasis is placed on implementing time management and organizational skills while managing the care of patients with multiple needs and collaborating with the interdisciplinary team. Complex clinical skills, as well as priority setting, clinical judgment, and tenets of legal and ethical practice are integrated throughout the course.

NURSNG 8L, Adult Health Nursing**Concepts 3 Lab****2.5 units**

Transfer: CSU

- Corequisite: Nursing 8.

This clinical course focuses on advanced concepts of nursing care as they relate to patients with complex multi-system alterations in health. Emphasis is placed on implementing time management and organizational skills while managing the care of patients with multiple needs and collaborating with the interdisciplinary team. Complex clinical skills, as well as priority setting, clinical judgment, and tenets of legal and ethical practice are integrated throughout the course. Clinical experiences provide the student an opportunity to apply theoretical concepts and implement safe care to patients and selected groups in a variety of settings.

NURSNG 9, Nursing Leadership Concepts**1.5 units**

Transfer: CSU

- Prerequisite: Nursing 8.
- Corequisite: Nursing 9L.

This course facilitates the transition of the student to the role of a professional nurse in the microsystem of a work unit. Emphasis is placed on contemporary issues and management concepts, as well as developing the skills of delegation, conflict management, and leadership. Legal and ethical issues are discussed with a focus on personal accountability and responsibility. Standards of practice and the significance of functioning according to state regulations and statutes are analyzed.

NURSNG 9L, Nursing Leadership Concepts Lab**2 units**

Transfer: CSU

- Corequisite: Nursing 9.

This clinical course facilitates the transition of the student to the role of a professional nurse in the microsystem of a work unit. Emphasis is placed on contemporary issues, leadership and management concepts, as well as developing the skills of delegation, prioritization, time management and conflict management. Legal and ethical issues are discussed with a focus on personal accountability and responsibility. Standards of practice and the significance of functioning according to state regulations and statutes are analyzed. Clinical experiences provide the student the opportunity to apply theoretical concepts while functioning in a leadership role and providing care to groups of patients.

NURSNG 10, Nursing Skills**2 units**

Transfer: CSU

- Prerequisite: Admission to Nursing Program: Anatomy 1, English 1, Microbiology 1, Physiology 3.

Nursing 10 and 10L must be taken concurrently.

The focus of this introductory nursing fundamental course is to provide the beginning student with a conceptual basis in meeting self-care deficits of older adults in a non-acute environment. Emphasis is placed on assisting the student in learning to use Orem's Self Care Model and the nursing process as an underlying framework for the development of critical thinking while implementing basic nursing care.

NURSNG 10L, Nursing Skills Laboratory**2 units**

Transfer: CSU

- Prerequisite: None.

Nursing 10 and 10L must be taken concurrently.

The focus of this clinical course is to provide the opportunity for skill performance and transfer of theory to the clinical setting. The clinical setting will include the Health Sciences Learning Center laboratory and non-acute clinical environments with focus on the older adult.

NURSNG 15, Nursing Fundamentals**2 units**

Transfer: CSU

- Prerequisite: Nursing 10, 10L and 36.
- Corequisite: Nursing 15L.

The focus of this nursing fundamentals course is to provide the continuing student with opportunities to develop competencies in providing nursing assistance to meet patient/client self-care deficits. Students will utilize the nursing process and the Orem's Self-Care Model as the framework to apply critical thinking skills while implementing nursing care for adults. Medical-Surgical nursing content will be introduced with the focus on fluid volume imbalance, peri-operative care and genito-urinary health deviations. Nursing care will be provided to adults and older adults in acute and non-acute environments. The companion clinical course, Nursing 15L must be taken concurrently.

NURSNG 15L, Nursing Fundamentals Laboratory**2 units**

Transfer: CSU

- Prerequisite: Nursing 10, 10L and 36.

Concurrent enrollment in Nursing 15 is required.

The focus of this nursing laboratory course is to provide the continuing student with the opportunity for application of theoretical knowledge to the provision of client care in the clinical setting. Students will begin to utilize critical thinking skills as they apply theoretical concepts to clinical practice while implementing nursing care for adults and older adults. Nursing care will be provided to adults and older adults in acute and non-acute environments.

NURSNG 16, Physical Assessment**1 unit**

Transfer: CSU

- Prerequisite: Nursing 10, 10L or equivalent.

The focus of this course is to enable the student to further develop techniques of physical assessment. It includes a description of fundamental assessment techniques including measurement of vital signs, then details assessment procedures and findings for specific body systems. The examination techniques presented are related primarily to adult patients. Gerontological considerations are included for each body system, with a focus on identifying normal age-related variations.

NURSNG 17, Pharmacological Aspects of Nursing **3 units**

Transfer: CSU

- Prerequisite: Physiology 3.

This as an introductory course in pharmacology designed to enable the student to recognize the various classes of drugs used in modern medicine. It includes a brief review of anatomy and physiology, how drugs exert their effects, the major indication for drug use, routes of administration, expected and adverse drug effects, precautions and contra-indications. Emphasis is on prescription drugs, but over the counter medications are also included.

NURSNG 19, Orientation to Advanced Placement – ADN Program **2 units**

Transfer: CSU

- Prerequisite: Eligible for Advanced Placement.

The focus of this course is to orient the advanced placement nursing student, the foreign trained nurse, or equivalent, to the philosophy and expectations of the second year of the registered nursing program. Special emphasis is placed on having the student utilize the Orem's Self-Care Model and the nursing process in planning, implementing, and evaluating the nursing care of patients through case studies.

NURSNG 20, Introduction to Medical-Surgical Nursing **2 units**

Transfer: CSU

- Prerequisite: Nursing 15, 15L.

This course must be taken concurrently with the laboratory component, Nursing 20L and Nursing 17.

The focus of this course is on the pathophysiology and required nursing assistance for adult patients, including the geriatric patient, with acid-base imbalances, electrolyte imbalances and related endocrine health deviations. Universal self-care requisites are applied to specific client groups requiring nursing care to manage hypertension and peripheral vascular disease. The pathophysiology and required nursing assistance for clients with health deviations affecting the musculoskeletal system, and the eye and ear are also explored. Special emphasis is placed on having the student utilize Orem's Self-Care Model and the nursing process in planning, implementing and evaluating nursing care of selected patients. Strategies to promote critical thinking will serve as the foundation for making nursing care decisions.

NURSNG 20L, Introduction to Medical-Surgical Nursing Laboratory **2 units**

Transfer: CSU

- Prerequisite: Nursing 15 and 15L.

This course must be taken concurrently with Nursing 20.

The focus of this nursing laboratory course is to provide the student with the opportunity to apply essential medical-surgical knowledge and skills to the provision of client care in the clinical setting. Students will utilize critical thinking, therapeutic communication, and Orem's self-care model when providing nursing care for the adult and older adult with electrolyte, acid-base, and endocrine imbalances; and musculoskeletal, hypertensive, peripheral vascular and sensory health deviations. Nursing care will be provided in acute and community settings.

NURSNG 25, Psychiatric – Mental Health Nursing **1.5 units**

Transfer: CSU

- Prerequisite: Nursing 20 and 20L (or Nursing 19 and Advanced Placement).

This course must be taken concurrently with Nursing 25L.

The focus of this specialty course is to introduce the nursing student to the principles of psychiatric-mental health nursing as applied to patients across the life span. Emphasis will be placed on meeting self-care deficits of patients exhibiting symptoms of common psychiatric disorders and patients experiencing emotional responses to stress and illness. This course will cover concepts of mental health, mental illness, stress, and coping, assessment of common psychiatric disorders, biological and psychosocial modes of intervention, and therapeutic nursing responses.

NURSNG 25L, Psychiatric Mental Health Nursing Laboratory **1.5 units**

Transfer: CSU

- Prerequisite: Nursing 20 and 20L (or Nursing 19 and Advanced Placement).
- Advisory: Speech 5 and Psychology 19.

This course must be taken concurrently with Nursing 25.

The focus of this nursing laboratory course is to provide the student with the opportunity to apply theoretical knowledge to patient care in the clinical setting. Students will utilize critical thinking strategies, therapeutic communication skills, and Orem's self-care model when providing nursing care to patients manifesting behaviors of psychiatric disorders. The clinical setting will include acute psychiatric facilities and non-acute community mental health programs.

NURSNG 28, Community-Based Nursing Practice **1 unit**

Transfer: CSU

- Prerequisite: Nursing 20 and 20L or Nursing 19 and Advanced Placement.

Nursing 28, 25, 25L and 16 must be taken concurrently.

This course provides the nursing student with the opportunity to apply the nursing process to care for individuals and groups where they live, work, go to school, or as they move through the health care system. The emphasis is on health promotion, assessment of universal self-care requisites, and management of chronic conditions. Clinical practice and validation opportunities are provided in home health, outpatient, and ambulatory care settings.

NURSNG 30, Intermediate Medical-Surgical Nursing **2.5 units**

Transfer: CSU

- Prerequisite: Nursing 16, Nursing 17, Nursing 25, Nursing 25L, Nursing 28.

Nursing 30 and 30L must be taken concurrently.

This course presents increasingly complex concepts involving adults with both medical and surgical health deviations and the required nursing assistance. It utilizes Orem's Self-Care Model in meeting health deviation needs of the patient experiencing gastrointestinal, renal, oncological, hematological, female reproductive, and immune system disorders. The universal self-care requisites are assessed and evaluated. Emphasis is placed on the development of a broad, scientific knowledge base including reasoning, judgment, communication, critical thinking, and professional role development. The nursing process and professional

role development are used as an organization and practice framework. Gerontology concepts are presented along with health promotion and health maintenance strategies.

NURSNG 30L, Intermediate Medical-Surgical Nursing Laboratory **2.5 units**

Transfer: CSU

- Prerequisite: Nursing 16, Nursing 17, Nursing 25, Nursing 25L, Nursing 28.

Nursing 30 and 30L must be taken concurrently.

The focus of this nursing laboratory course is to provide the continuing student with the opportunity to apply increasingly complex medical-surgical concepts of care for adults with health deviations. Students will assess, plan, provide, and evaluate the provision of nursing assistance in the clinical laboratory. The Orem's Self-Care Model will be used as a framework to safely meet nursing needs of the patient with gastrointestinal, renal, oncological, hematological, female reproductive, and immune system disorders. Students will assess the adult and older adult's self-care requisites, determine the therapeutic self-care demand, and apply the nursing process. Professional role development is integrated throughout, along with application of critical thinking, communication theory, clinical judgment, and sound reasoning. Laboratory experiences will be held in the acute care or community setting.

NURSNG 35, Advanced Medical-Surgical Nursing **2.5 units**

Transfer: CSU

- Prerequisite: Nursing 30 or Nursing 19 and Advanced Placement.

Nursing 35 and 35L must be taken concurrently.

The focus in this course is to enable the student to develop competencies in understanding complex health problems and managing health deviations related to the neurosensory, cardiovascular, and respiratory disorders and the burn injury patient. Students will utilize Orem's Self-Care Model and the nursing process in assessing self-care requisites of selected patients. Students will determine the therapeutic self-care demand and design a plan of care that promotes the optimal level of function of adults and older adults with complex health problems. Principles of delegation are explored.

NURSNG 35L, Advanced Medical-Surgical Nursing Laboratory **2.5 units**

Transfer: CSU

- Prerequisite: None.

Nursing 35 and 35L must be taken concurrently.

The focus of this nursing laboratory course is to allow the student an opportunity to demonstrate competencies in skills and managing health deviations related to the neurosensory, cardiovascular, respiratory disorders and the burn injury patient. Students will exhibit competencies in utilizing Orem's Self-Care Model and the nursing process to calculate the therapeutic self-care demand of selected patients. Students will utilize the clinical pathways in providing care to patients with complex health problems. Principles of delegation are implemented.

NURSNG 36, Calculations in Drugs and Solutions **1 unit**

- Prerequisite: None.

This course reviews the mathematics used in medical calculation. It investigates the systems of measurements and methods of computing safe and accurate medical dosages.

NURSNG 40, Nursing of Children **1.5 units**

Transfer: CSU

- Prerequisite: Nursing 35, Nursing 35L, and Psychology 19 (or Nursing 19 and Advanced Placement).

Nursing 40 and 40L must be taken concurrently.

The focus of this course is to assist the nursing student in acquiring the essential knowledge and principles of pediatric nursing. The student will plan and provide nursing care to the hospitalized child with common health deviations. Preventive and safety measures appropriate to the developmental level of children are incorporated due to children being dependent-care agents. Students will utilize critical thinking/problem solving to modify therapeutic nursing interventions and communication techniques based on the developmental level of the child. Emphasis is also on health promotion, preventive measures, developmental principles, and the impact of illness on the family.

NURSNG 40L, Nursing of Children Lab **1.5 units**

Transfer: CSU

- Prerequisite: Nursing 35, Nursing 35L, and Psychology 19 (or Nursing 19 and Advanced Placement).

Nursing 40 and 40L must be taken concurrently.

The pediatric clinical experience provides opportunities to assist the nursing student in planning and managing nursing assistance for hospitalized pediatric patients with common health deviations. The learner will have opportunities to demonstrate competency in the application of critical thinking to aid in decision-making, organizational skills, nursing theory, and concepts. Implementation strategies reflect increasing breadth and depth of theory and utilization of therapeutic communication techniques appropriate for the pediatric population.

NURSNG 45, Women's Health Care **1.5 units**

Transfer: CSU

- Prerequisite: Nursing 35, Nursing 35L, and Psychology 19 (or Nursing 19 and Advanced Placement).

Nursing 45 and 45L must be taken concurrently.

This course utilizes Orem's Self Care Model as a framework to assess the special needs of women and manage their health care throughout the life span. Emphasis is placed on the enhancement of critical thinking skills to promote health of the childbearing family during the antepartum, intrapartum, and postpartum periods. Focus is on the normal process of childbearing and newborn care and includes discussion of high-risk maternal and perinatal conditions. Therapeutic communication techniques are integrated that recognize the unique relationship of the perinatal nurse and the childbearing family. Course content builds upon previously acquired medical/surgical concepts, professional role, and leadership behaviors.

NURSNG 45L, Women's Health Care Lab **1.5 units**

Transfer: CSU

- Prerequisite: Nursing 35, Nursing 35L, and Psychology 19 (or Nursing 19 and Advanced Placement).

Nursing 45 and 45L must be taken concurrently.

The focus of this nursing laboratory course is to provide the student with the opportunity to apply the self care model when managing the care of women across the life span. Students will assess, plan, provide, and evaluate care of women during the childbearing experience in the clinical setting. Opportunities will be provided to allow the student to enhance critical thinking skills while promoting women's health behaviors. Students will utilize therapeutic communication strategies in all interactions with clients while providing care. Laboratory experiences will occur in the acute care setting and will build upon previously acquired medical/surgical concepts, professional, and leadership behaviors.

NURSNG 50, Professional Role Transition 1 unit

Transfer: CSU

- Prerequisite: Nursing 40 and 40L; Nursing 45 and 45L. *Nursing 50 and 50L must be taken concurrently.*

The purpose of this course is to facilitate the transition from student nurse to the role of entry-level staff nurse. Emphasis is on the theoretical concepts of leadership and management. The student will integrate knowledge and skills pertinent to the role of manager of care for a group of patients and members of the health care team. The role of manager incorporates delegation, priority setting, legal-ethical issues, and health care delivery systems. Issues and trends relevant to professional nursing will be explored.

NURSNG 50L, Professional Role Transition Lab 2 units

Transfer: CSU

- Prerequisite: Nursing 40 and 40L; Nursing 45 and 45L. *Nursing 50 and 50L must be taken concurrently.*

The purpose of this course is to facilitate the transition from student nurse to the role of entry level staff nurse. Emphasis is on the implementation of theoretical concepts of leadership and management. This course will allow the student to apply knowledge and skills pertinent to the role of manager of care for a group of patients and members of the health care team. The role of manager incorporates delegation, priority setting, legal ethical considerations, and health care delivery.

NURSNG 60, Multicultural Health and Healing Practices 3 units

Transfer: CSU

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces the student to the health and healing beliefs and practices among people from culturally diverse backgrounds. Cultural concepts applicable to health and wellness behavior are examined. The health, healing beliefs and practices of select American cultural groups: Native, Asian, African, Latino, and European, will be studied in the larger context of the American health care delivery system. *NURSNG 60 is the same course as HEALTH 60. Students may earn credit for one but not both.*

NURSNG 90A, Nursing Internship 1 unit

Transfer: CSU

Please see "Internships" section.

NURSNG 90B, Nursing Internship 2 units

Transfer: CSU

Please see "Internships" section.

Nursing - Noncredit

The courses below are intended for students enrolled in the Santa Monica College nursing program.

NURSNG 900, Supervised Tutoring 0 units

The purpose of this course is to provide additional assistance to nursing students, enrolled in Santa Monica College Nursing Program, in order to facilitate understanding the core concepts taught in the courses in the nursing curriculum. The course will assist the student in being able to determine their comprehension of the content taught in the nursing course (s) and facilitate the transfer of nursing concepts. A stimulating learning environment will be created for active communication and interaction among students and instructor. The learning environment will provide an opportunity for students to verbalize their thinking, understanding of underlying pathophysiology and its relevance to the therapeutic regime and therapeutic nursing interventions. Consistent attendance and participation are essential to the effectiveness of the supervised tutoring sessions.

Nutrition

Please see listing under "Biological Sciences."

Occupational Therapy

OT 1, Introduction to Occupational Therapy 2 units

Transfer: CSU

- Prerequisite: None.

This course introduces students to the professional field of occupational therapy (OT). It explores the philosophy and practice of occupational therapy (helping people with disabilities regain independence). It defines occupational therapy within a continuum of health care, delineates OT professional levels, describes practice settings, ethics, education and training requirements, and current practice trends.

Office Information Systems

Please see listing under "Office Technology."

Office Technology

The Office Technology Department offers training in general, medical, and legal office skills. Office workers are responsible for a variety of administrative and clerical duties necessary to run and maintain organizations efficiently. They use a variety of software programs, produce correspondence, maintain databases, manage projects -- as well as organize meetings, manage records, and perform receptionist duties. Office workers find employment in many settings, such as corporations, government agencies, schools, law offices, hospitals, and clinics. Some related job titles include office assistant, administrative medical assistant, medical billing and coding specialist, electronic health records specialist, and administrative secretary.

OFTECH 1, Keyboarding I**3 units**

Transfer: CSU

- Prerequisite: None.

Formerly OIS 1. OFTECH 1 is equivalent to the OFTECH 1A, OFTECH 1B, and OFTECH 1C sequence.

This course is designed to teach keyboard mastery by touch, improve speed and accuracy, and use Microsoft Word to create and revise business documents. Proofreading skill development is also included.

This course uses Microsoft Word 2016 in the PC (windows) environment.

OFTECH 1A, Keyboarding 1A**1 unit**

Transfer: CSU

- Prerequisite: None.

Formerly OIS 1A.

This course is intended for students without previous keyboarding instruction. Emphasis is on keyboard mastery, correct keyboarding techniques, and proofreading skills.

OFTECH 1B, Keyboarding 1B**1 unit**

Transfer: CSU

- Prerequisite: None.
- Advisory: Office Technology 1A.

Formerly OIS 1B.

Students develop speed and accuracy. Emphasis is on using Microsoft Word to produce letters, memos, tables, and reports.

OFTECH 1C, Keyboarding 1C**1 unit**

Transfer: CSU

- Prerequisite: None.
- Advisory: Office Technology 1B.

Formerly OIS 1C.

Course content includes keyboard mastery by touch, correct keyboarding techniques, and proper formatting of letters, memos, reports, tables, and other kinds of personal and business communications.

OFTECH 5, English Skills for the Office**3 units**

Transfer: CSU

- Prerequisite: None.

Formerly OIS 5.

This course is designed to review principles of grammar, punctuation, capitalization, and number format; improve vocabulary and spelling; and develop proofreading and editing skills. Word Processing software is used to create and revise business documents.

OFTECH 9, Keyboarding Improvement**1 unit**

Transfer: CSU

- Prerequisite: None.

Formerly OIS 9.

This course emphasizes speed and accuracy development, keyboarding technique, and proofreading skills.

OFTECH 10, Skill Building on the Keyboard**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Office Technology 1, 1C or keyboarding skills of 35 words per minute.

Computers are used in all work environments. To function efficiently, computer users must be able to input data on a computer keyboard quickly and accurately. This course is

designed to develop the computer keyboarding skills that are required to function in the workplace.

OFTECH 20, Medical Vocabulary**3 units**

Transfer: CSU

- Prerequisite: None.

This course is designed to develop medical vocabulary skills. Topics include word parts (roots, combining forms, prefixes, and suffixes), body structure, major body systems, and pharmacology. HIPAA (Health Insurance Portability and Accountability Act) guidelines and Internet research tools are also discussed.

OFTECH 21, Medical Terms and Transcription 1**3 units**

Transfer: CSU

- Prerequisite: None.

This is a beginning course in operating transcribing machines to produce medical documents. Students learn to transcribe, proofread, and edit a variety of medical documents, including chart notes, history and physical reports, consultations, office procedure notes, and X-ray reports. Emphasis is on vocabulary development related to major body systems, formatting, and language skills.

OFTECH 22, Medical Terms and Transcription 2**3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Office Technology 21.

This is an advanced course in medical terms and transcription. Organized by medical specialty, reports and records transcribed include history and physical examination, operative, pathology, radiology, discharge summary, consultation, and progress notes. Emphasis is on refining transcription skills and developing a more extensive medical vocabulary. The use of medical references is also discussed.

OFTECH 23, Medical Billing (Medisoft)**3 units**

Transfer: CSU

- Prerequisite: None.

The course introduces the basics of medical insurance billing and current payment methodologies in hospital and physician office settings. Students use MediSoft, a popular medical billing accounting software program, to enter patient and case information, schedule appointments, process transactions, and produce reports and patient statements.

OFTECH 24, Medical Coding/Billing 1**3 units**

Transfer: CSU

- Prerequisite: None.

Coding is defined as the translation of procedures, services, and supplies into numeric and/or alphanumeric components for statistical reporting and reimbursement purposes. This course introduces students to CPT, CPT Modifiers, and HCPCS coding procedures.

This course will cover ICD-10.

OFTECH 25, Medical Coding/Billing 2**3 units**

Transfer: CSU

- Prerequisite: None.

Students develop skills in applying ICD-10-CM Codes to the following specialty areas: Introduction to Coding, An overview of the ICD-10-CM, ICD-10-CM Coding Conventions, Steps in Diagnostic Code Selection, Diagnostic Coding

Guidelines, Infectious and Parasitic Diseases, Neoplasms, Diseases of the Blood and Blood Forming Organs, Endocrine, Nutritional, and Metabolic Diseases, Mental and Behavioral Disorders, Diseases of the Nervous System, Disorders of the Eye and Adnexa, Diseases of the Ear and Mastoid Process, Diseases of the Circulatory System, Diseases of the Respiratory System, Diseases of the Digestive System, Diseases of the Skin and Subcutaneous Tissue, Diseases of the Musculoskeletal System and Connective Tissue. Emphasis of this course is to analyze medical records case scenarios and to abstract accurate diagnostic conditions of the human body.

This course covers ICD-10.

OFTECH 26, Medical Coding/Billing 3 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Office Technology 25.

This course develops further skills in medical coding/billing. Students apply and evaluate expert level knowledge and experience in abstracting information from the medical records for diagnostic, (ICD-10-CM) and inpatient procedural medical codes, (ICD-10-PCS). Students abstract ICD-10-PCS for a variety of specialty areas such as General Surgery, Radiology, Pathology/Laboratory, Obstetrics, Placement, Administration, Measuring and Monitoring, Imaging, Nuclear Medicine, Radiation, Oncology, Rehabilitation Mental Health and Substance Abuse, and New Technology Sections. Emphasis of this course is to interpret and apply accurate diagnostic conditions to inpatient hospital-based coding, filing health insurance claim forms, billing, collection, and payment procedures.

OFTECH 27, Medical Office Procedures 3 3 units

Transfer: CSU

- Prerequisite: None.

This course emphasizes essential administrative and clerical skills required to function in a health care environment. Topics of study include records management; insurance, coding, and finance terminology; billing, reimbursement, and collections; telephone and scheduling procedures; medical ethics, law, and compliance; computer usage in the medical office; written communications; and intercultural communications. Students are introduced to electronic billing and scheduling using Medisoft. Health care careers are also discussed.

OFTECH 28, Electronic Health Records 3 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Office Technology 20.

This course discusses terminology, concepts, and procedures related to electronic health records and provides hands-on applications. Topics of study include advantages, core functions, data sources, workflow, coding standards, and privacy and security regulations of an Electronic Health Record (EHR) system. Students use EHR software to input patient data, create patient records, document office visits, order prescriptions and lab tests, and perform other tasks involved in patient care and management.

OFTECH 30, Legal Office Procedures 3 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: OFTECH 1, Keyboarding 1, or OFTECH 1C, Keyboarding 1C, or 35 wpm.

This course is designed to prepare students to perform common tasks required of law office administrative assistants. Topics of study include the law office environment; clerical and administrative duties; computers and office systems; court structure; litigation procedures; substantive law (litigation; family; wills, trusts, and probate; business organization; real estate; and criminal) and legal research. Emphasis is on terminology, procedures, and document preparation.

OFTECH 31, Legal Terms and Transcription 3 3 units

Transfer: CSU

- Prerequisite: OFTECH 1, Keyboarding 1, or OFTECH 1C, Keyboarding 1C, or 35 wpm.

This course is designed to develop skill in using transcription equipment to produce dictated legal documents. Students will use word processing software in the production of documents. Emphasis is on legal terminology; document formatting; proofreading skill development. Areas of study include court systems, civil court documents, litigation, family law, probate, business law, real estate law, and criminal law.

OFTECH 33, Records Management 2 2 units

Transfer: CSU

This course introduces students to records and information management. The entire range of records (physical, image, and electronic media) is discussed. Topics of study include alphabetic filing rules, as well as alphabetic, subject, numeric, and geographic storage, retrieval, and transferring systems. The alphabetic filing rules presented are consistent with ARMA (Association of Records Managers and Administrators) guidelines. Also included are an introduction to electronic records management principles and procedures and legal concerns related to records management. Microsoft Access is used to practice electronic records activities.

OFTECH 90A, Internship in Office Technology 1 1 unit

Transfer: CSU

Please see "Internships" section.

Overseas Programs

Santa Monica College is a member of the College Consortium for International Studies (CCIS) and offers more than 30 overseas study programs around the world. Destinations include Argentina, Austria, Bulgaria, Canada, China, Costa Rica, Czech Republic, Ecuador, England, France, Germany, Greece, Hungary, Ireland, Israel, Italy, Jamaica, Japan, Korea, Mexico, Morocco, New Zealand, Peru, Portugal, Russia, Scotland, Spain, and Switzerland. The Overseas Program Office is in the International Education Center. You can reach us at (310) 434-4342 or visit smc.edu/international. Remember, studying abroad is not a foreign idea!

Persian

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

PERSIN 1, Elementary Persian I**5 units**

Transfer: UC, CSU
 IGETC Foreign Language (required for UC only)
Satisfies Global Citizenship

- Prerequisite: None.

This course introduces basic vocabulary and the fundamentals of modern Persian grammar, structure, and pronunciation as well as reading, writing, and speaking. This course prepares students to hold simple conversations in Persian and write short descriptive compositions. Aspects of Persian culture, history, and geography are covered as well. Students will review multi-media materials (audio and video).

PERSIN 2, Elementary Persian II**5 units**

Transfer: UC, CSU
 IGETC AREA 3B (Arts and Humanities), Foreign Language (required for UC only)
Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Persian 1*.

In this course, students are expected to utilize the knowledge of Persian in Persian 1 to expand their vocabulary and familiarize themselves with various forms of the language. In addition to preparing students for further language acquisition, this course also acquaints students with important elements of the literature and cultures of the Persian-speaking world.

**The advisory for this course is comparable to two years of high school Persian.*

PERSIN 99, Applied Learning in Persian**1 unit**

Transfer: CSU

- Corequisite: Any course in Persian.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Philosophy

Philosophy is a foundation of education in the liberal arts. Philosophy enriches thought, imagination, understanding, and experience. By studying philosophy, students confront questions and problems both theoretical and practical about themselves and their relation to the world. Philosophy courses rigorously examine the basic assumptions of every human endeavor -- from seeking knowledge to deciding what is right or wrong -- thereby enriching students' understanding of what it means to be human and preparing them to think critically for a lifetime.

PHILOS 1, Knowledge and Reality**3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces students to the analysis of various metaphysical and epistemological questions and problems in philosophy, typically including, the nature and limits of knowledge, the existence of God, the Mind-Body Problem, the Freedom vs. Determination debate, and the Absolutism vs. Relativism debate. Related topics in ethics may also be included.

PHILOS 2, Ethics**3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course provides an introduction to the nature of ethical theory (moral philosophy), an analysis of significant ethical theories, and an exploration of the problems encountered in the continuing quest for a satisfactory ethical theory for contemporary society. Some of the main topics in normative ethics and meta-ethics are covered.

PHILOS 3, Early Philosophers**3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course will acquaint the student with some of the ancient Greek contributions to the Western philosophical and scientific tradition and examine a broad range of central philosophical themes concerning: nature, law, justice, knowledge, virtue, happiness, and death. There will be a strong emphasis on analyses of arguments found in the primary texts.

PHILOS 4, Modern Philosophers**3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This study of the principal philosophical developments since the Renaissance emphasizes the relation of philosophy to the growth of science and social and cultural changes in the modern period.

PHILOS 5, Contemporary Moral Conflicts**3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a philosophic examination of major ethical debates in contemporary American society. Topics may include capital punishment, abortion, euthanasia, racial and sexual equality, affirmative action, sexual morality, pornography, "victimless crimes," bio-medical research, animal rights, and environmental issues. Preparatory to those investigations, time is devoted to studying some of the most important moral theories and various types of moral reasoning.

PHILOS 6, Philosophy of Science**3 units**

Transfer: UC, CSU
 IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is a general introduction to the philosophy of science, aimed at fostering an enhanced awareness of the philosophical aspects and implications inherent in the scientific enterprise. The central concepts and methodology of science will be analyzed, and philosophical topics like distinguishing science from pseudoscience, virtues of explanations including simplicity and falsifiability, gestalt and paradigm shifts, incommensurability, underdetermination, objectivity and subjectivity, realism and anti-realism, bias within science and more will be examined. Specific episodes taken from the history of science will be regularly employed to illustrate and elucidate these general ideas. A background in philosophy or the physical sciences is helpful but not a requirement for this course.

PHILOS 7, Logic and Critical Thinking 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

A course in general logic emphasizing its applications to practical situations. The course covers both inductive and deductive techniques.

PHILOS 9, Symbolic Logic 3 units

Transfer: UC, CSU

- Prerequisite: None.

This is a beginning course in modern logic covering symbolic notation and translations, and decision procedures for validity and invalidity of arguments in sentential logic and predicate logic.

PHILOS 10, Bio-ethics 3 units

Transfer: UC, CSU

IGETC AREA 3B (Arts and Humanities)

- Prerequisite: None.

This is an introduction to moral philosophy as applied to a range of normative issues raised by contemporary biology and medicine. The course introduces the main moral theories and strategies for moral decision-making, and such topics as assisted or alternative reproduction, abortion, circumcision and female genital cutting, cloning and genetic engineering, overpopulation, suicide, euthanasia and physician-assisted suicide, animal and human experimentation, research, practitioner-patient relationships, and allocation of scarce medical resources.

PHILOS 11, Philosophy of Art and Aesthetics 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Skills Advisory: Eligibility for English 1.

An introductory-level survey of some of the philosophical questions that arise from contemplation of art and the artistic process. The main theories of art and beauty will be interpreted and evaluated with respect to the relevance each has for contemporary society. Principles and theories concerning art and beauty will be applied to various works of contemporary art in the major fields. The significance of aesthetic experience and its relevance to life will be examined. The role of the artist and the artist's intention in the creative process will also be analyzed.

PHILOS 20, Environmental Ethics 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces the field of environmental ethics with an emphasis on global environmental problems and global citizenship. The conceptual foundations of environmental attitudes and values are examined through an historical survey of philosophies of nature and human/nature relations. Ethical theories are presented and used to analyze contemporary environmental problems, e.g. mistreatment of animals, pollution, climate change, species extinction, natural resource depletion, environmental racism etc. The ethical assumptions underlying various national and international responses to environmental problems will be analyzed and evaluated.

PHILOS 20 is the same course as ENVRN 20. Students may earn credit for one but not both.

PHILOS 22, Asian Philosophy 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

The cultural settings and basic concepts of the major philosophical and religious systems of India, China, and Japan are studied. Rituals and literature are used to compare and contrast Asian and non-Asian belief systems.

PHILOS 23, Philosophy of Religion 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This is an introduction to several traditional philosophical problems connected with religious belief. Among the issues to be discussed are the existence and nature of God, the problem of evil, mysticism, the rationality of religious belief, and the relationship between reason and revelation.

PHILOS 24, Philosophy in Literature 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

A philosophical inquiry into themes such as knowledge, truth, justice, freedom, responsibility, love, technology, punishment, self-deception, death, religious faith, and the meaning of life through the examination of selected literary works (novels, short stories, plays, poetry). The course will also focus on certain philosophical issues relevant to the philosophy of literature (ie, how humans emotionally relate to fictional characters, interpretation and artistic intention in literary art, how literature is to be defined, the status of truth in literature).

PHILOS 41, Philosophical Problems Seminar 3 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

- Skills Advisory: Eligibility for English 1.

This course is designed to enable the interested student to study in depth selected philosophical problems in the areas of epistemology, metaphysics, and value theory.

Primary source materials are analyzed and discussed in a seminar atmosphere. Oral and written reports are assigned. Philosophy majors are encouraged to take the course; non-majors are also eligible.

PHILOS 48, Nonviolent Resistance **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities) or 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Advisory: Eligibility for English 1.

Formerly same course as History 48.

An examination of the causes of war and violence in world history and the various organized efforts to maintain peace and end wars. Nonviolent resistance movements will be emphasized.

PHILOS 51, Political Philosophy **3 units**

Transfer: UC, CSU
IGETC AREA Area 3B (Humanities) or Area 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

In this inter-disciplinary course students examine fundamental ideas about politics in the writings of major Western philosophers from the ancient to the contemporary period, and use those ideas to consider and debate current political issues.

Philosophy 51 is the same course as Political Science 51. Students may earn credit for one, but not both.

PHILOS 52, Contemporary Political Thought **3 units**

Transfer: UC, CSU
IGETC AREA Area 3B (Humanities) or Area 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This interdisciplinary course in philosophy and political science examines arguments and discourses developed within contemporary political thought. How those discourses critique and/or are rooted in modern ideologies, such as liberalism and socialism will be considered. The theoretical perspectives presented in the course will be used to critically examine important issues in contemporary politics. Students will situate themselves as citizens and political agents in relation to those issues.

Philosophy 52 is the same course as Political Science 52. Students may earn credit for one, but not both.

PHILOS 88A, Independent Studies in Philosophy **1 unit**

Transfer: CSU
Please see "Independent Studies" section.

PHILOS 88B, Independent Studies in Philosophy **2 units**

Transfer: CSU
Please see "Independent Studies" section.

PHILOS 99, Applied Learning in Philosophy **1 unit**

Transfer: CSU
• Corequisite: Any course in Philosophy.
This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In

this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Photography

The Photography program teaches the dynamics of visual communication to illustrate ideas, record events, articulate stories, express moods, sell products, and interpret a person's character. Courses stress technical knowledge, proficiency in camera control, digital and analog capture methods, artificial light control, and image manipulation.

PHOTO 1, Introduction to Photography **3 units**

Transfer: UC, CSU
• Prerequisite: None.

This non-laboratory course is an introduction to photography including camera techniques and creative considerations. Using the HDSLR camera format and natural light, students shoot digitally for specific assignments emphasizing exposure, depth-of-field, motion, composition, and image quality. A 35mm Digital Single Lens Reflex camera with manual focus lens and exposure capabilities is required.

PHOTO 2, Basic Black and White Darkroom Techniques **2 units**

Transfer: CSU
• Skills Advisory: Photography 1.

This introductory lab course prepares students for general specialization in photography. Black and white film exposure, development, and printing techniques are examined. Various shooting and printing assignments explore a variety of natural light situations and shooting challenges. Weekly lectures support practical application of assignments. Required for photography majors.

PHOTO 5, Digital Asset Management, Modification and Output **3 units**

Transfer: CSU
• Prerequisite: None.
• Advisory: Photography 1.

An introduction to digital camera exposure methods in various lighting conditions, image processing, basic color theory, color management, and various digital output techniques for both color and black & white imagery. Students are required to use outside commercial lab services and must furnish an approved digital camera with removable lenses (DSLR) which is capable of capturing in the Camera Raw format. A knowledge of basic computer functions is essential.

PHOTO 7, Advanced Portfolio Development **3 units**

Transfer: UC, CSU
This class provides the advanced commercial student with the opportunity to develop work to a professional level under the supervision of a faculty adviser on a one-to-one

basis. Study facilities as well as color and black and white laboratory privileges are available to the student in support of this portfolio work. Assignments are designed by the student with instructor approval. Admission by interview only.

PHOTO 13, News Photography **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Photography 1.

This survey course in basic news photography is designed for journalism or photography majors and students interested in having work published in magazines and news publications. Students learn basic camera and storytelling techniques through individual assignments and a semester long project, along with photo composition, and picture layout principles. A Digital Single Lens Reflex (DSLR) camera with manual exposure capability is required.

Photography 13 is the same course as Journalism 21. Students may earn credit for one, but not both.

PHOTO 14, Photography for Publication **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Journalism 21 or Photography 13.

This advanced course provides an in-depth study of photojournalism with an emphasis on creation of photo story ideas, photo essays, news, sports and feature photos for publication. Photo editing and layout for newspapers, magazines, and online publishing will be covered. Students will comprise the staff of the campus newspaper, The Corsair, and online publications. This course may be repeated once for credit. A Digital Single Lens Reflex (DSLR) camera with manual exposure capability is required.

Photography 14 is the same course as Journalism 22. Students may receive credit for one, but not both.

PHOTO 21, Alternative Photographic Processes **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Photography 2.

Introduction into non-traditional and historical photographic processes. Emphasis is placed primarily on non-silver techniques and processes, including the making of enlarged negatives. Processes may include cyanotype, Van Dyke, platinum/palladium and others

PHOTO 29, Video Production for Still Photographers **3 units**

Transfer: CSU

- Skills Advisory: Photography 5 and Photography 30.

This class is designed to provide the intermediate photography student with the skill set to produce high definition digital video content at industry standards. This course covers common preproduction methods, HD DSLR Camera techniques, lighting for video, recording sound and video and sound editing. Hands-on practical technique is covered in conjunction with theory and concept.

PHOTO 30, Techniques of Lighting: Introduction **4 units**

Transfer: CSU

- Prerequisite/Corequisite: PHOTO 5.
- Advisory: PHOTO 1 (concurrent enrollment allowed).

In this class students will acquire a solid foundation of in lighting tools and the practical application of lighting. Students will learn the proper selection and effective use of a light source whether photographing a portrait, a still life or any type of location photography.

PHOTO 31, Lighting for People 1 **4 units**

Transfer: CSU

- Prerequisite: Photography 30 and 39 (Concurrent enrollment in 39 is permitted).

In this class, students will be exposed to common approaches for photographing people. Topics are practical in nature and will include lighting methods for individuals and groups both in the studio and on location. The use of various flash systems and their modifiers, augmenting existing light, posing subjects, wardrobe decisions, hair & make up, and more will be addressed. Assignments and lessons will emphasize common genres including, but not limited to, weddings, corporate portraits, family portraits, and headshots.

PHOTO 32, Lighting for People 2 **4 units**

Transfer: CSU

- Prerequisite: Photography 30 and Photography 39.

Photo 32 is an advanced course that builds on skills learned in Photo 30 and focuses on techniques for photographing people in commercial settings. Assignments are designed to enhance creativity while utilizing advanced commercial lighting techniques for photographing people. Lectures and demonstrations will cover both studio and location lighting, and are geared toward commercial considerations for photographing people.

PHOTO 33, Lighting for Products **4 units**

Transfer: CSU

- Prerequisite: Photography 30 and 39 (Concurrent enrollment in 39 is permitted).

In this course, students are challenged with lighting applications for a broad range of product and still life photography for use in a variety of commercial markets. Students research and apply current photographic styles while creating a portfolio of images that are applicable to a successful career in commercial photography.

PHOTO 34, Capture to Composite **4 units**

Transfer: CSU

- Prerequisite: Photo 30 and Photo 39.

This is a Photoshop and studio photography course that trains students on the commercial-level techniques that combine multiple images into one image suitable for commercial publication. Students will learn various lighting techniques while learning to combine multiple images, and work toward final composites comparable to a professional level of output. This course will prepare students for career requirements through development of suitable images for their portfolio, as well as familiarization with currently utilized retouching tests. These skills also apply to photographers who want to take their own images to a professional level without having to hire a digital artist.

PHOTOGRAPHY COURSE SEQUENCE

REQUIRED FOR PHOTOGRAPHY DEGREE (40 units)

YEAR	FALL	SPRING
First Year	Photography 1 (3) Photography 52 (3) Non-photo Elective** (3)	Photography 2 (2) Photography 5 (3) Photography 30 (4) Photography 60 (3)
Second Year	Photography 31 (4) or Photography 32 (4) Photography 33 (4) Photography 39 (3)	Photography 43 (3) Photography Elective* (5)

REQUIRED COURSES (32 UNITS)

Photography 1, Introduction to Photography (3)
 Photography 2, Basic Photography Lab Techniques (2)
 Photography 5, Digital Asset Management, Modification, and Output (3)
 Photography 30, Techniques of Lighting: Introduction (4)
 Photography 31, Introduction: Photographing People 1 (4) **or** Photography 32, Photographing People: Advanced (4)
 Photography 33, Techniques of Lighting: Production (4)
 Photography 39, Beginning Photoshop (3)
 Photography 43, Portfolio Development (3)
 Photography 52, History of Photography (3) (same as Art History 52)
 Photography 60, Business Practices in Photography (3)

*AREA B: Restricted Photography Electives

Please note that no more than 2 units of Independent Studies and no more than 3 units of internship may be used to satisfy completion of this degree from the following courses if not used above: (5 units)

Graphic Design 31, Graphic Design Studio 1 (2)
 Photography 7, Advanced Portfolio Development (3)
 Photography 13, News Photography (3)
 Photography 14, Photography for Publication (3)
 Photography 21, Alternative Printing (3)
 Photography 29, Video Production for Still Photographers (3)
 Photography 31, Introduction: Photographing People (4)
 Photography 32, Photographing People: Advanced (4)
 Photography 37, Advanced Black and White Printing (3)
 Photography 40, Digital Capture (3)
 Photography 42, Advanced Photoshop (3)
 Photography 50, Basic Color Printing (3)
 Photography 64, Community Documentary Photography (4)
 Photography 88A, Independent Studies in Photography (1)
 Photography 88B, Independent Studies in Photography (2)
 Photography 88C, Independent Studies in Photography (3)
 Photography 90A, Internship in Photography (1)
 Photography 90B, Internship in Photography (2)
 Photography 90C, Internship in Photography (3)
 Photography 90D, Internship in Photography (4)

**Non-photography Elective Courses

Select 1 course from the list below: (3 units minimum)

Art 10A, Design I (3)
 Art 10C, Computer Design (3)
 Art 20A, Drawing I (3)
 Business 22, Introduction to Advertising (3)
 Business 34, Introduction to Social Media Marketing (3)
 Business 63, Principles of Entrepreneurship (3)

PHOTO 37, Advanced Black and White Printing Techniques 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Photography 2.

Students will learn the zone system control of exposure and development of films, basic sensitometry, advanced printing techniques including bleaching and toning, use of multiple contrast filters, and archival preservation techniques.

PHOTO 39, Beginning Photoshop 3 units

Transfer: CSU

- Prerequisite: PHOTO 5.

This course is an introduction to digital imaging for photography majors using Adobe Photoshop. Students will learn how to manipulate, make selections and enhance digital images, including retouching for output to a variety of media.

PHOTO 40, Digital Techniques 3 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Photography 30 and 39.

Utilizing 35mm HDSLR and medium format cameras, the content of this course reflects current professional capture and output techniques used in commercial photography. Curriculum covers extensive testing of cameras, monitors, and inkjet printers in order to create a consistent, closed loop workflow.

PHOTO 42, Advanced Photoshop 3 units

Transfer: CSU

- Prerequisite: PHOTO 39.

This course covers advanced level digital image manipulation on the computer using Adobe Photoshop. Students will continue to explore more complex features of Photoshop, and learn industry standards for preparing professional imagery for commercial clients.

PHOTO 43, Portfolio Development 3 units

Transfer: CSU

- Prerequisite: Photography 31 or 32, Photography 33, and 39.

This course addresses the process of building a photographic portfolio that meets current professional industry standards for presenting work to potential employers and clients. Emphasis is placed on developing a personal style that displays a comprehensive understanding of photographic methods, genres, and presentation.

PHOTO 50, Basic Color Printing 3 units

- Prerequisite: None.
- Advisory: Photography 2.

This course provides an introduction to color printing from negative materials. Students will produce "C" prints from a variety of color films using Dichromic enlargers, Ektaprint chemistry, and a roller transport machine processor. Simple problems, such as color balance, exposure choices, paper surfaces, and enlargement are addressed.

PHOTO 52, History of Photography 3 unitsTransfer: UC, CSU
IGETC AREA 3A (Arts)

- Prerequisite: None.

This is a historical survey of the evolving nature of photography from the early 1800's to the present digital age. *Photography 52 is the same course as AHIS 52. Students may earn credit for one, but not both.*

PHOTO 60, Business Practices in Photography 3 units

Transfer: CSU

- Skills Advisory: None.

This lecture course examines the necessary steps that a photographer must take to start a commercial photography business. Relevant local, state and federal regulatory and taxing agencies and application forms, professional support services, general ledger accounts setup pertinent to photography, photographic business insurance needs, and employer obligations are discussed. Students will learn how to create a simple business plan applicable to photographic ventures. The course also examines issues of sound financial practices specific to profitability in commercial photography, paying particular attention to matters of copyright and image licensing, calculating cost of doing business, strategies for pricing image usage, and negotiating job fees.

PHOTO 64, Community Documentary Photography 4 units

Transfer: CSU

- Prerequisite: None.
- Advisory: Photography 2.

This course explores the genre of documentary photography while focusing on various communities in the Los Angeles area. Students will create an in-depth project and present a portfolio of photographs documenting the unique characteristics of individual communities in Los Angeles. Each semester will offer a unifying, rotating topic that may focus on specific neighborhoods, subcultures, or other appropriate themes. Lectures focus on historical photographic references and contemporary social issues. The importance and power of documentary photography are discussed and historical examples that have inspired change or shaped our perception of communities are explored. Students utilize large format cameras and film (in addition to their own digital cameras) as a way of better understanding historical processes in photography and nurturing a respect for the medium's alternative, non-commercial side.

PHOTO 88A, Independent Studies in Photography 1 unit

Transfer: CSU

Please see "Independent Studies" section.

PHOTO 88B, Independent Studies in Photography 2 units

Transfer: CSU

Please see "Independent Studies" section.

PHOTO 90A, Photography Internship 1 unit

Transfer: CSU

Please see "Internships" section.

PHOTO 90B, Internship in Photography 2 units

Transfer: CSU

Please see "Internships" section.

PHOTO 90C, Internship in Photography **3 units**

Transfer: CSU

Please see “Internships” section.

PHOTO 90D, Internship in Photography **4 units**

Transfer: CSU

Please see “Internships” section.

Photovoltaic Systems

Solar photovoltaic systems convert the energy of sunlight into electricity. Such systems are being installed in growing numbers of businesses and private residences. This growing demand is expected to increase the need for many new jobs for Photovoltaic System Installers. Photovoltaic Systems courses provide students with both the hands-on skills and the broader contextual knowledge necessary to gain successful employment in a variety of different capacities, including installation, repairs, entry-level solar design positions, and sales.

PV 4, Photovoltaic Technical Sales **3 units**

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Photovoltaic Systems 11.

This course is designed for students interested in a career in the photovoltaics (PV) industry. The fundamental principles of selling PV systems will be covered as well as the activities that support sales such as PV system design and engineering. The course will cover marketing, customer relations, technical and cost proposal development, and working with authorities having jurisdiction over the installation and interconnection of PV systems.

PV 11, Introduction to Solar Photovoltaics **3 units**

Transfer: CSU

In this course, students gain a basic understanding of the principles of solar photovoltaic (PV) systems and renewable energy alternatives. Basic electrical theory, the variables of PV system design, and sizing of PV systems are introduced. Topics include the scientific and math principles, physical properties, system components, codes, cell efficiency, and safe installation procedures for prevalent technologies. Students examine the cost and paybacks influencing adoption of solar technologies, as well as its potential in solving energy and environmental problems.

PV 12, Photovoltaic Installation Exam Preparation **2 units**

Transfer: CSU

- Prerequisite: PV 11.

This course examines the theoretical and technical dimensions of solar photovoltaic (PV) systems in detail. Students learn advanced principles of electricity and how they apply to PV systems. They review PV system sizing and design, components and equipment. Detailed discussions on product troubleshooting, net metering laws, local codes, and National Electrical Code (NEC) PV requirements are covered. Successful participants will be qualified to take the North America Board of Certified Energy Practitioners (NABCEP) Entry Level exam.

Physical Education

Please see listing under “Kinesiology/Physical Education.”

Physics

Physicists study matter, energy, and the relationships between them and devise methods to apply laws and theories of physics to industry, medicine, and other fields. Some career titles include acoustic physicist, astrophysicist, engineer, satellite data analyst, and medical or nuclear physicist.

PHYSICS 6, General Physics 1 with Lab **4 units**

Transfer: UC, CSU

C-ID: PHYS 105.

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Math 2 or (Math 3 and 4).

This course is an algebra- and trigonometry-based study of classical mechanics, including elastic properties of matter and thermodynamics.

PHYSICS 7, General Physics 2 with Lab **4 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Physics 6.

This course is an algebra- and trigonometry-based study of electricity and magnetism, geometrical and wave optics, and some special relativity and quantum physics.

PHYSICS 8, Calculus-based General Physics 1 with Lab **4 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Math 7.

This course is a calculus-based study of the mechanics of solids and liquids, elastic properties of matter, heat, and wave motion.

PHYSICS 9, Calculus-based General Physics 2 with Lab **4 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Physics 8.

This course is a calculus-based study of electricity and magnetism, geometrical and physical optics, special relativity, and quantum physics.

PHYSICS 12, Introductory Physics Non-Lab **3 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Sciences, non-lab)

- Prerequisite: None.

Physics 12 is designed for the student who is interested in a more conceptual and less mathematical approach to physics. It is a survey course introducing the topics of mechanics, heat, sound, electricity and magnetism, light and modern physics. The emphasis will be on developing conceptual understanding of the laws of nature through lectures, demonstrations, and class discussions. High school math recommended.

PHYSICS 14, Introductory Physics with Lab **4 units**

Transfer: UC, CSU

IGETC AREA 5A (Physical Science, + LAB)

- Prerequisite: None.

Physics 14 is recommended for students who have not had high school physics but are planning to take Physics.

This course is similar to Physics 12 in content and difficulty level, but with a laboratory session added to enhance the learning experience. Physics 14 is designed for the student who is interested in a more conceptual and less mathematical approach to physics. It is a one semester survey course introducing the topics of mechanics, heat, sound, electricity and magnetism, light and modern physics. The emphasis will be on developing conceptual understanding of the laws of nature through hands-on experiences, laboratory experiments, and computer interactions, in addition to lectures and demonstrations. Maximum credit for Physics 12 and 14 combined is 4 units. High school math recommended.

PHYSICS 20, Preparation for Calculus-Based Physics **2 units**

Transfer: CSU

- Skills Advisory: Math 2 or (Math 3 and 4).

This course serves as a preparation for calculus-based physics. It serves as an introduction to classical mechanics, including concepts and principles pertinent to the mechanics of solids. It also prepares students for handling data and analysis at the level required in Physics 8 and 21.

PHYSICS 21, Mechanics with Lab **5 units**

Transfer: UC, CSU

C-ID: PHYS 205.

IGETC AREA 5A (Physical Sciences, + Lab)

- Prerequisite: Math 7.

Formerly Physics 1.

This course is a calculus-based study of the mechanics of rigid bodies, emphasizing Newton's laws and its applications. This course includes an introduction to fluids. It is designed for engineering, physical science, and computer science majors.

PHYSICS 22, Electricity and Magnetism with Lab **5 units**

Transfer: UC, CSU

C-ID: PHYS 210.

IGETC Area 5A (Physical Science, + LAB)

- Prerequisite: Math 8, Physics 21.

Formerly Physics 3.

This course is a calculus-based study of electromagnetism covering aspects of electric and magnetic fields, DC and AC circuits, electromagnetic interactions, light, and relativity. The course is intended for engineering and physical science students.

PHYSICS 23, Fluids, Waves, Thermodynamics, Optics with Lab **5 units**

Transfer: UC, CSU

C-ID: PHYS 215.

IGETC AREA 5A (Physical Sciences, + LAB)

- Prerequisite: Math 8, Physics 21.

Formerly Physics 2.

This course is a calculus-based study of fluids, waves, thermodynamics, and light intended for engineering and physical science students.

PHYSICS 24, Modern Physics with Lab **3 units**

Transfer: UC, CSU

- Prerequisite: Physics 21 and Math 8.
- Skills Advisory: Physics 22 and Physics 23.

This course is a calculus-based introduction to modern physics for engineering and physical science students. Topics will be selected from the areas of relativity and quantum physics that include applications to atoms, molecules, solids, and nuclei.

PHYSICS 88A, Independent Studies in Physics **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

PHYSICS 88B, Independent Studies in Physics **2 units**

Transfer: CSU

Please see "Independent Studies" section.

Physiology

Please see listing under "Biological Sciences."

Political Science

Political science is the academic discipline dedicated to the study of power and justice. Political science has four well-defined subfields: political theory, international relations, comparative politics, and American politics. Courses focus on topics and pressing problems, among them war, law, local, state, and national politics, voting, mass media, public opinion, poverty, human rights, race, gender, ideology, class, international organizations, revolutions, and failed states in all parts of the world. Students in these courses learn to critically analyze not only the behavior of political actors, but also their respective political institutions and political systems. The main objectives are to enable students to use strong analytical skills and critical thinking in their analysis of theories, institutions, and processes.

POL SC 1, American and California Politics **3 units**

Transfer: UC, CSU

C-ID: POLS 110.

+ satisfies CSU Constitution and American Ideals graduation requirement

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys and analyzes the principles, institutions, policies, and politics of U.S. National and California State Governments. Students will use course concepts to situate themselves as citizens and political agents.

POL SC 2, Comparative Government and Politics **3 units**

Transfer: UC, CSU

C-ID: POLS 130.

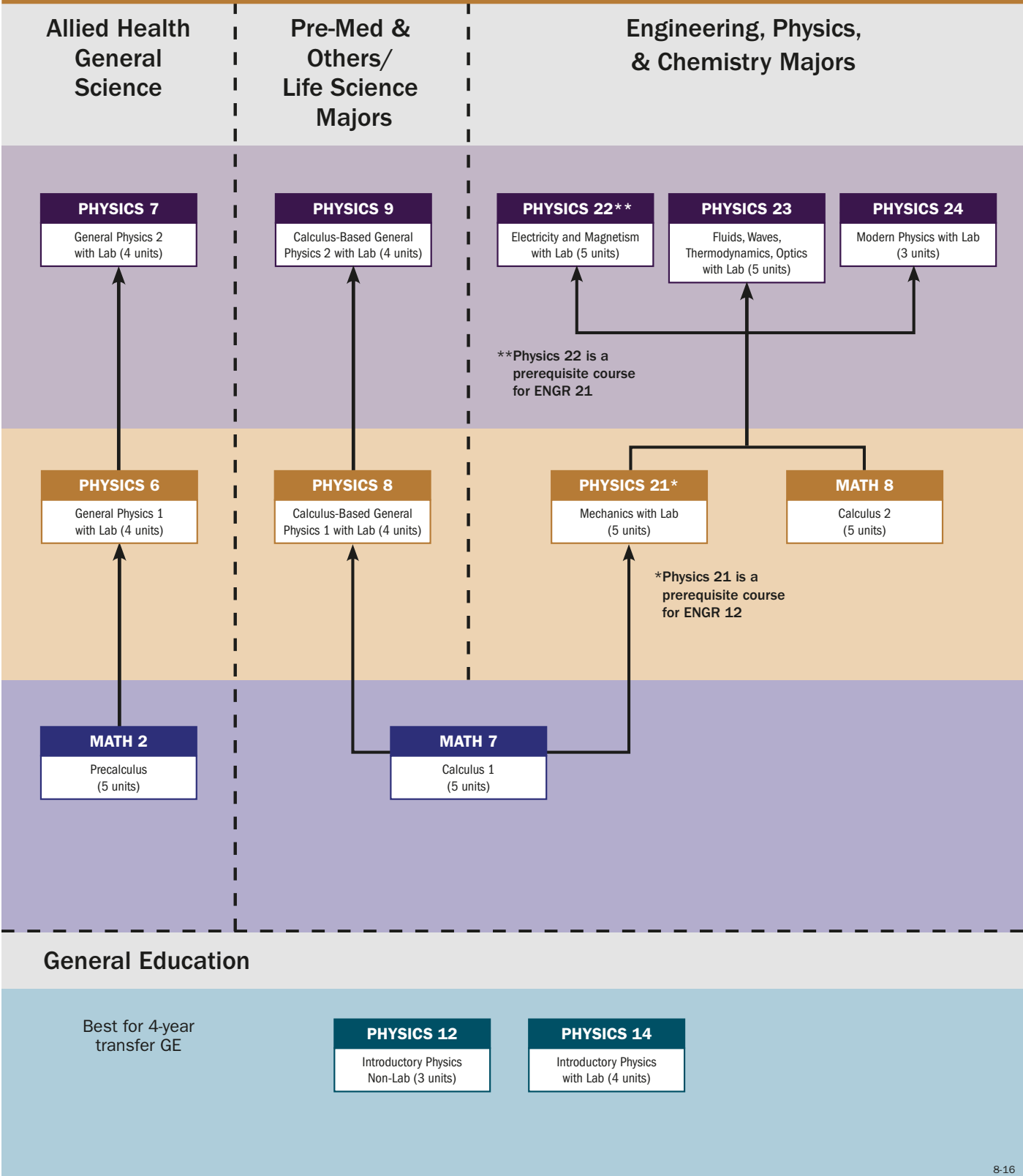
IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course surveys the scope and methods of comparative political analysis. It examines democratic, authoritarian, and transitional political systems to illustrate the central theories and ideas in comparative politics. It compares the political structures, processes, and cultures of countries at

PHYSICS COURSE SEQUENCE

The correspondence between sequences and majors implied in these titles is only approximate. The sequence best suited for you depends on your major and the university program to which you plan to transfer. Please consult with an SMC counselor to make sure that the sequence you take is appropriate for your goals.



different levels of economic and social development in several world regions (e.g. Central and Latin America, Africa, the Middle East, Central, South and East Asia, and Western and Central Europe).

POL SC 3, Introduction to Politics: Justice, Power and Agency **3 units**

Transfer: UC, CSU

IGETC Area 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Course focuses on the nature and study of politics, from both a historical and contemporary perspective. Students explore the methods and approaches used in the field of Political Science to analyze a variety of political concepts and problems, including the nature and distribution of power, justice, citizenship, sustainability, leadership and agency.

POL SC 5, International Political Economy: Introduction to Global Studies **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course offers an interdisciplinary introduction to the fields of Global Studies and International Political Economy. Students will analyze critically the role of national governments, international organizations, nongovernmental organizations, and multinational corporations, in regard to phenomena such as, international markets and production regimes, monetary and trade policy, international and global conflict, and environmental degradation. Contending theoretical and ideological perspectives regarding international systems, processes, and trends will be applied and evaluated.

Political Science 5 is the same course as Economics 5 and Global Studies 5. Students may earn credit for one course.

POL SC 7, International Politics **3 units**

Transfer: UC, CSU

C-ID: POLS 140.

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course examines the structure and operation of the international system. Emphasis is placed on the nature and sources of conflict and cooperation and issues of war and peace among states in the international system.

POL SC 8, The Modern Far East **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course concentrates on the political and social history of East Asia in the 20th century. The following subjects are studied: major movements of social and political change; revolution; the pattern of political culture and power; the pattern of foreign and domestic policy; and the relationship of East Asia to the Western World.

POL SC 10, Government Internships **3 units**

Transfer: CSU

- Skills Advisory: Eligibility for English 1.

Approved internship must be arranged prior to enrollment.

This course is designed to afford student interns the opportunity to earn academic credit for their public service intern experience. The practical experience will include observation of and actual participation in the work of a national, state, or local legislative or executive government agency. Formal academic credit is required by most of the government agencies and officials as a condition of their participation in our internship program. Academic credit is based on a written report or research paper relating to the internship experience of the student and an oral examination.

POL SC 11, World Affairs and the United Nations **3 units**

Transfer: CSU

- Skills Advisory: Eligibility for English 1.

Political Science 12, Model United Nations, is a companion course to Political Science 11.

This course examines global conflict and cooperation since World War II, with special emphasis on the United Nations and related organizations. Arms proliferation and control, regional conflicts, world social and economic cooperation, and governmental and nongovernmental efforts to promote peace and security are examined.

POL SC 12, Model United Nations **1 unit**

Transfer: CSU

- Skills Advisory: Eligibility for English 1.

This course should be taken concurrently with or subsequent to Political Science 11. Additional fees are required and any costs associated with travel, room and board will be the responsibility of students. Consultation with the instructor is recommended prior to enrollment.

Students will participate in local, state, or national Model United Nations, and will research country positions, policy issues, United Nation rules of debate and parliamentary procedure, diplomacy negotiation, and techniques of conflict resolution.

POL SC 14, Middle East Government and Politics **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This comparative study of the government and politics of the Middle Eastern states gives emphasis to the study of the relationship between political development, political organization, and social structure.

POL SC 21, Race, Ethnicity, and the Politics of Difference **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

The social construction of race and ethnicity, gender and sexual orientation in American society and their relationship to local, state, and national government is covered. Of particular concern are problems of assimilation and integration into the political system, the politics of exclusion,

discrimination, voting behavior and pressure group politics, ideology, resistance and political action, the social construction of race and racism, the poor and the culture of poverty, political problems of the aged, the young, women, gay, lesbian, bisexual, and transgendered people. This course satisfies the SMC requirement for American Cultures.

POL SC 22, Environmental Politics and Policies **3 units**

Transfer: UC, CSU
IGETC AREA 4 (Social and Behavioral Sciences)
Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course examines environmental politics. The political, economic, and social origins of environmental change and degradation are examined, as well as democratic, bureaucratic and market-based solutions to environmental problems advocated by environmental movements, interest groups and political parties. Arguments for best public policy responses to a range of environmental problems will be assessed and debated. The course offers a practical problem-solving approach focusing primarily on the relations between a range of contemporary political values and on what it means to take political responsibility for reducing the human impact on the earth.

Political Science 22 is the same course as Environmental Studies 22. Students may earn credit for one, but not both.

POL SC 23, Sex, Gender, and Power **3 units**

Transfer: UC, CSU
IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This interdisciplinary course critically explores the politics of gender and sexuality in contemporary societies. The course considers materials from political theory, philosophy, the study of women, the study of masculinity, and queer studies as it examines the role of gender, gender based social movements, and sexual politics in political and social life and in contemporary political affairs.

POL SC 24, Introduction to Law **3 units**

Transfer: UC, CSU
IGETC Area 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is an introduction to the legal concepts and contemporary legal conflicts in the United States, including the philosophical and historical basis for resolution of conflict. Historical and contemporary conflicts in the areas of civil liberties and civil rights, as well as other current legal conflicts and controversies are addressed. This course satisfies a requirement for the Law Pathway program.

POL SC 31, Introduction to Public Policy **3 units**

Transfer: UC, CSU
IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is an introduction to public policy. The course covers core topics in American public policy and focuses on institutions, policy actors, and major theoretical models. In addition, the course covers the nature and practice of policy

analysis in order to demonstrate how to employ evaluative criteria in substantive policy areas.

POL SC 47, International Politics Seminar **3 units**

Transfer: UC, CSU
IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This seminar in international politics features analysis and discussion of the international system. Patterns of cooperation and conflict between states, alliance systems, security issues and the international economy are among the topics on which students will write papers. Seminar sessions are characterized by discussion, oral reports and critical analysis of papers, articles and books. Consultation with the instructor is encouraged before enrolling.

POL SC 51, Political Philosophy **3 units**

Transfer: UC, CSU
C-ID: POLS 120.
IGETC AREA 3B (Humanities) or AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

In this inter-disciplinary course students examine fundamental ideas about politics in the writings of major Western philosophers from the ancient to the contemporary period, and use those ideas to consider and debate current political issues.

Political Science 51 is the same course as Philosophy 51. Students may earn credit for one, but not both.

POL SC 52, Contemporary Political Thought **3 units**

Transfer: UC, CSU
IGETC AREA 3B (Humanities) or AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This interdisciplinary course in philosophy and political science examines arguments and discourses developed within contemporary political thought. How those discourses critique and/or are rooted in modern ideologies, such as liberalism and socialism will be considered. The theoretical perspectives presented in the course will be used to critically examine important issues in contemporary politics. Students will situate themselves as citizens and political agents in relation to those issues.

Political Science 52 is the same course as Philosophy 52. Students may earn credit for one, but not both.

POL SC 88A, Independent Studies in Political Science **1 unit**

Transfer: CSU
Please see "Independent Studies" section.

POL SC 88B, Independent Studies in Political Science **2 units**

Transfer: CSU
Please see "Independent Studies" section.

POL SC 94, Law – Experiential Learning **0.5 units**

Transfer: CSU
• Skills Advisory: Business 5 or Political Science 24.
This course is a practicum in the legal profession and provides students with experience in the legal field. Students

engage in applied learning through unpaid experiential activities organized by SMC's applied/service learning center (in conjunction with the student and the instructor). Experiential learning will take place in private firms, government agencies, and non-governmental organizations that have a direct connection to the American legal system. Students will complete a minimum of 30 hours of work at their placement, develop a customized reading list relevant to their particular placement (i.e., a student placed with a labor lawyer would develop a reading list specific to labor law), and submit academically-sound written reports regarding the work done at their placement. Through this experiential learning opportunity, students develop a deeper understanding of the discipline and the profession. *This course is graded on a P/NP basis only.*

POL SC 95, Public Policy – Experiential Learning **1 unit**

Transfer: CSU

- Skills Advisory: Political Science 31 and eligibility for English 1.

This course builds upon the content of Political Science 31, Introduction to Public Policy, to provide the student with field experience in the discipline. This course addresses the theoretical underpinnings of democratic civic engagement and is a practicum in public policy in a local setting. In this hands-on course, the student will engage in experiential learning through various governmental and nongovernmental agencies which have a role in developing and/or implementing public policy. The student will develop a reading list, customized to the focus of his/her particular agency, and complete a minimum of 30 hours of volunteer work with that agency. The course exposes the student to organized, meaningful public policy research and implementation in substantive policy arenas and will be supervised in his/her off-campus experiential learning project pertaining to the development of public policy.

This course is graded on a P/NP basis only.

POL SC 99, Applied Learning in Political Science **1 unit**

Transfer: CSU

- Corequisite: Any course in Political Science.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Political Science – Noncredit

The following classes are noncredit and free. They do NOT carry academic credit.

POL SC 930, Preparation for Citizenship **0 units**

This course prepares students to successfully apply for and be granted US Citizenship by the Office of Homeland Security. Students will learn about US History and Civics to prepare for their final interview and how to correctly fill out and submit the N-400 Application for Citizenship. Students will also learn interviewing techniques that will help them prepare for the final interview with the US Government.

Portuguese

Additional hours to be arranged in the Modern Language Lab for Elementary Portuguese. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

PORTGS 1, Elementary Portuguese 1 **5 units**

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces the students to basic vocabulary and fundamental sentence structure in the present, preterit and imperfect tenses, and a general introduction to fundamental cultural differences between the United States and Lusophone countries. Basic aural and reading comprehension is developed and students hold simple conversations and write short compositions about present and past actions. This course provides a thorough basic introduction to the diverse cultures, customs and traditions and to historical and current events of the Portuguese-speaking world. The course is taught in Portuguese except in cases of linguistic difficulty as determined by the professor.

PORTGS 2, Elementary Portuguese 2 **5 units**

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Portuguese 1*.

This course is a continuation of Portuguese 1. Using the communicative approach, this course stresses basic vocabulary and fundamental sentence structure in the past and future indicative tenses and the subjunctive mood. The course develops basic aural and reading comprehension. This course provides a thorough introduction to the diverse cultures, customs and traditions and to historical and current events of the Portuguese-speaking world. The course is taught in Portuguese except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to two years of high school Portuguese.*

PORTGS 99, Applied Learning in Portuguese **1 unit**

Transfer: CSU

- Corequisite: Any course in Portuguese.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular

activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Professional Courses In Kinesiology/Physical Education

See also "Kinesiology/Physical Education" (KIN/PE) and "Varsity Intercollegiate Athletics" (VAR/PE).

PRO CR 3, Coaching of Racquet Sports 3 units

Transfer: UC*, CSU

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course provides experience in techniques of teaching and coaching racquet sports at the high school or college level. The course will focus primarily on tennis, badminton, and racquetball.

PRO CR 4, Coaching of Track and Field 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course provides experience and techniques of coaching and teaching track and field events at the high school or college level.

PRO CR 6A, Coaching of Football 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course offers instruction and practice in the skills of football. The course will also provide experience in teaching and coaching techniques of football at the high school or college level.

PRO CR 6B, Coaching of Baseball 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course offers instruction and practice in the skills and drills of baseball, plus experience in teaching and coaching techniques at the high school or college level.

PRO CR 7, Coaching of Soccer 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course is designed to prepare physical education teachers in theory of coaching soccer at the High school, Collegiate, or Club level. This course will include the mental and physical preparation of becoming a coach, a comprehensive analysis of fundamental skills, game strategy, team offense and team defense through lecture, participation, and analysis of rules, and instructional procedures.

PRO CR 8, Coaching of Basketball 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course is designed to prepare physical education teachers in the theory of coaching basketball at the high school, collegiate, and club level. This course studies the various aspects of coaching basketball. The emphasis of the class will be on the theory of how to organize a basketball program from start to finish of a season, off-season recruiting and conditioning. The development of individual/team skills both offensive and defensive will be examined. This course includes a comprehensive analysis of the principle of movement, motor skills and strategy concepts used in basketball.

PRO CR 9, Coaching of Volleyball 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course is designed to prepare physical education teachers in theory of coaching volleyball at the High school, Collegiate, or Club level. This course will emphasize development and improvement of fundamental volleyball skills. Course content will include strategy and improvement through participation, analysis of rules, instructional procedures and coaching techniques.

PRO CR 10, Introduction to Kinesiology 3 units

Transfer: UC, CSU

C-ID: KIN 100.

- Prerequisite: None.

This course provides an overview of the scope, history, and philosophy of the profession of Kinesiology. Included is an in-depth look at requirements and preparation for employment opportunities.

PRO CR 11, Introduction to Sports Injuries 3 units

Transfer: UC, CSU

- Prerequisite: None.

This course introduces the student to the anatomy and physiology of sports injuries. The prevention and treatment of injuries as well as techniques of applying supportive materials are included.

PRO CR 12, Emergency Care and Water Safety 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: KIN PE 48B.

Ability to swim 300 consecutive yards using various strokes required.

This course deals with preventing accidents, caring for common injuries, and emergency procedures at the scene of accidents or sudden illness and learning fundamental principles behind teaching water safety. The instruction will include the practice of American Red Cross senior life saving, water safety, lifeguard training, first aid, and CPR/AED for the professional rescuer. Successful completion of course requirements, can lead to ARC advanced first aid, blood borne pathogens, and CPR certificates. This class prepares students for the WSI and LG certificates but certification requires either testing in person or detailed filming in the water.

PRO CR 15, Sports Management 3 units

Transfer: CSU

- Prerequisite: None.

This introductory leadership course provides foundation for the preparation of future sport managers. The course addresses sport management, sport law, sport marketing, sport finance, sport ethics and sport history. This course also discusses the support systems necessary to sustain the sport industry such as broadcasting, media relations, and facility and event management. Guest lecturers may be arranged and field trips may be required.

PRO CR 19, Field Experience 2 units

Transfer: CSU

- Prerequisite: None.

This course offers the student an opportunity to plan, organize, and conduct a beginning level activity class of his or her choice as a teaching assistant with a member of the physical education department.

PRO CR 25, Personal Trainer Preparation 3 units

Transfer: CSU

This course is designed to give students the knowledge and understanding necessary to prepare for the American Council on Exercise (ACE) Personal Trainer Certification Exam and become effective personal trainers. This course presents the ACE Integrated Fitness Training-Æ (ACE IFT-Æ) Model as a comprehensive system for designing individualized programs based on each client's unique health, fitness, and performance goals. The information covered by this course and the ACE IFT Model will help students learn how to facilitate rapport, adherence, self-efficacy, and behavior change in clients, as well as design programs that help clients to improve posture, movement, flexibility, balance, core function, cardiorespiratory fitness, and muscular endurance and strength.

PRO CR 26, Exercise Programming for Special Populations 3 units

Transfer: UC, CSU

- Advisory: KIN PE 3.

This course is designed to provide the student with the environment to explore and discuss various modalities by which fitness assessment and prescription may be adapted to accommodate individuals with specific needs. Topics that will be explored include but are not limited to: general principles of exercise testing and prescription, holistic approaches to assessment and prescription, variables of exercise testing and prescription, exercise adherence, neuromuscular and skeletal conditions, metabolic conditions, respiratory conditions, cardiovascular conditions, and behavioral & psychological conditions. Regarding each of these conditions, we will explore the condition itself, the role of exercise in the disease/condition process (prevention, treatment, management), challenges these cases might pose to exercise assessment and prescription, and potential adaptations.

PRO CR 29A, Officiating Fall Sports 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course provides a study of the principles and mechanics of officiating fall sports. Students will gain field experience

in officiating team sports on campus and with local recreation departments. Fall sports may include: football (flag), basketball, soccer, water polo, and volleyball.

PRO CR 29B, Officiating Spring Sports 3 units

Transfer: UC*, CSU

- Prerequisite: None.

**Maximum UC credit for KIN PE 2, 3, PRO CR 3, 4, 6A, 6B, 7, 8, 9, 29A, 29B combined is 8 units.*

This course provides a study of the principles and mechanics of officiating spring sports. Students will gain field experience in officiating team sports on campus and with local recreation departments. Spring sports may include: baseball, softball, swimming, volleyball, track and field, and golf.

PRO CR 80, Athletes and Leadership 3 units

Transfer: CSU

- Prerequisite: None.

This course explores how athletes have an impact on their teams, their campuses, and the larger community. The course examines how athletes influence the attitudes and behavior of peers and can influence changes in social norms. In the course students consider what it means to be an effective leader in private as well as in public. Students explore theories of leadership and motivation as well as the use and misuse of leadership particularly in reference to athletics.

Psychology

Psychologists study the behavior of individuals and groups and try to help people achieve satisfactory personal adjustment. They work with individuals, couples, families or groups. Some engage in teaching or research, while others work with people doing testing, counseling, or treatment in clinics, schools, and industries. Some additional career titles include developmental psychologist, industrial/organizational psychologist, mental health coordinator, and community services worker. See Counseling for courses in educational and vocational planning and personal awareness.

PSYCH 1, General Psychology 3 units

Transfer: UC, CSU

C-ID: PSY 110.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is an introduction and general survey course in psychology. This course grounds the student in the epistemology of psychology as a scientific discipline, research methods, and critical analysis of research findings. Substantive psychological content includes the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

PSYCH 2, Physiological Psychology 3 units

Transfer: UC, CSU

C-ID: PSY 150.

IGETC AREA 5B (Biological Sciences, non-lab)

- Prerequisite: Psychology 1.
- Advisory: English 1.

This introductory course emphasizes the biological approach and methods as tools for adding to our understanding of human psychology and neuroscience. Information about the functioning of the human nervous system is used to provide insight into mental, emotional, and behavioral processes. The role of biological factors underlying sensation, perception, motivation, learning, thinking, language processes, and psychopathology is stressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

PSYCH 3, Personality: Dynamics and Development **3 units**

Transfer: UC, CSU
IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Advisory: Psychology 1.

This course provides an introduction to personality psychology. Topics covered include the utility of personality in predicting behavior, the influences of personality, the major theories of personality development and dynamics, and the application of personality theory and concepts to health, psychopathology, and treatment. Assessment of personality will also be discussed. This course will use a lecture, discussion, and demonstration format in exploring these topics.

PSYCH 5, The Psychology of Communication **3 units**

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Psychology 1.

This course emphasizes the study of psychological processes involved with the construction of communication including perception, motivation, learning, and emotion. The course will cover issues involved in giving, receiving, and interpreting verbal and non-verbal behavior in a variety of interpersonal situations. Attention will be given to the intersection of gender, culture, and social identities and how these factors shape how we communicate with ourselves, with other individuals, and via mass communication and technology. Experiential exercises, including role-playing and small group interactions, provide opportunities to increase awareness of personal communication styles and to develop more effective communication skills including active listening, conflict resolution, and assertive language.

PSYCH 6, Marriage, Family, and Human Intimacy **3 units**

Transfer: UC, CSU
IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Advisory: Psychology 1.

This course provides insight into and preparation for establishing relationships as the basis for a successful and fulfilling individual, marital and family life. Included are values clarification, communication techniques, current views of male and female roles in society, mate selection, sexual involvement and adjustment, family planning, and child rearing. Special emphasis is placed on the need for compromise and adjustment in a marriage and family unit in our

rapidly changing society. This course will use lecture, discussion, and experiential formats in exploration of these topics.

PSYCH 7, Research Methods in Psychology **3 units**

Transfer: UC, CSU
C-ID: PSY 200.
IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: Psychology 1.
- Skills Advisory: Math 54 and eligibility for English 1.

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, as well as collection, analysis, interpretation and reporting of research data. Research design and methodology are examined in a variety of the sub disciplines of psychology. Ethical considerations for human and animal research are explored. Students are introduced to critical thinking and the application of the scientific method to psychological questions. The course contains both lecture and practical experiences via the formulation and completion of original research conducted in small groups. Various descriptive and inferential statistical approaches are explored and utilized to evaluate data.

PSYCH 8, Community Psychology **3 units**

Transfer: UC, CSU
IGETC AREA 4 (Social & Behavioral Sciences)
Satisfies Global Citizenship

- Advisory: PSYCH 1 and eligibility for English 1.

This course provides an overview of prevention science and an introduction to the history, goals, and methods of community psychology. Community psychology focuses on the application of psychological principles to understand and address community issues. This course emphasizes the preventive and strength-based approach within community psychology to understand the ecological context of human experiences, initiate action research, and implement social change. Topics such as family and community violence, oppression, criminal justice, and mental health policy are explored. This course requires students to engage in learning outside the classroom in conjunction with various community-based organizations.

PSYCH 11, Child Growth and Development **3 units**

Transfer: UC, CSU
C-ID: CDEV 100.
IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course will examine the major developmental milestones for children, both typically and atypically developing, from conception through adolescence in the areas of physical, psychosocial, and cognitive development. Emphasis will be on interactions between maturational and environmental factors within a culturally sensitive framework. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

PSYCH 13, Social Psychology **3 units**

Transfer: UC, CSU
C-ID: PSY 170.
IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Advisory: Psychology 1.

This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition.

PSYCH 14, Abnormal Psychology **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Advisory: Psychology 1.

This course provides an introduction to biological, environmental, social, and psychological determinants of psychopathology and behavioral deviation. Historical and current theories of abnormal mental or behavioral functioning, their implications for therapy, and community support systems are discussed. An integrative survey of theory and research in abnormal behavior, and intervention and prevention strategies for psychological disorders are also introduced.

PSYCH 19, Lifespan Human Development **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Advisory: Psychology 1.

From a psychological perspective, this course traces physical, emotional, social and intellectual development throughout the lifespan from conception through aging and dying. Special attention is paid to the interaction of biological, environmental, and psychological factors on development. The way familial, cultural and socioeconomic influences impact the individual will receive special emphasis. Theories and research regarding physical, cognitive, personality, and social development are used as a foundation to understand lifespan issues, developmental problems, and practical implications at each stage of development.

PSYCH 25, Human Sexuality **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Advisory: Psychology 1.

This study of sexual behavior begins with anatomy and physiology, reproduction, and other biological topics. Pre- and post-natal development, gender differentiation, and psychosexual development are discussed to provide the background for considering the diversity of adult sexuality. In regularly scheduled small group meetings, the student is given an opportunity to explore and compare his or her own psychological and behavioral dynamics with the different values, beliefs, and practices of other individuals and other cultures.

PSYCH 35, Seminar on Contemporary Psychological Issues **3 units**

Transfer: CSU

- Prerequisite: None.
- Advisory: Psychology 1.

This course will examine the psychological literature covering a variety of contemporary topics. The areas may include:

the psychology of prejudice, Eastern and Western psychology, experimental psychology, the psychology of learning, ecological psychology, the psychology of crime and incarceration, and other areas selected by the faculty. There may be a different focus each semester this course is taught.

PSYCH 40, Environmental Psychology **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This course will focus on the theory and application of psychological principles as they relate to the causes of, and potential solutions to, current global environmental problems. Modern ecological issues (such as global climate change, habitat-loss, etc.) have their historical origin in human behavior; this class will focus both on relevant causal behaviors, and on the mental mechanisms that give rise to such behavior. An evolutionary perspective will be employed to identify the pathways by which the clash of a "universal human nature" and the modern environment results in an "evolutionary mismatch." Evolutionary models such as the "tragedy of the commons" will be elucidated with relevant and real world examples. In addition, the course will explore potential avenues to effectively reshape human kind's social, technological and economic relationship with its environment. As such, a systems approach will be taken that considers the human as a part of, as well as an influence on, ecosystems. Cutting edge research will be integrated from different domains of psychology (cognitive, social, developmental and evolutionary, etc.) as well as related fields (genetics, behavioral economics, game-theory, anthropology, etc.) to comprehensively study the human-environment interaction.

PSYCH 40 is the same course as ENVRN 40. Students may earn credit for one but not both.

PSYCH 88A, Independent Studies in Psychology **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

PSYCH 88B, Independent Studies in Psychology **2 units**

Transfer: CSU

Please see "Independent Studies" section.

PSYCH 320, Cognitive Psychology **3 units**

Transfer: CSU

- Prerequisite: Math 54 or Psychology 7; Psychology 1, English 1, and admission to the SMC baccalaureate degree program.

This upper division Cognitive Psychology course addresses how humans learn to process information in their environment as well as how they decide how and when to act on their environment. This course includes a survey of cognitive psychology, specifically, the science and study of how people acquire, represent, transform and use verbal and nonverbal information. In this context we will explore sensation and perception of objects, surfaces, space, and motion. Additionally, key cognitive functions are explored including imagery, memory, representations of knowledge, language, decision making, thinking and reasoning, attention and vigilance. Finally, we will review developmental

considerations in cognitive psychology from early infant cognition to maturation and cognition as we age. *This course is open only to students who have been admitted to SMC's Bachelor of Science program in Interaction Design. See ixd.smc.edu for more information.*

Recycling and Resource Management

Recycling and Resource Management is among the largest and most rapidly growing industries in America. As more cities and businesses develop sustainability and zero waste policies, the need increases for personnel who can properly manage resource use and recycling. The Recycling and Resource Management curriculum emphasizes an interdisciplinary approach, exploring recycling and resource management from a variety of perspectives and in a variety of settings. Core curriculum will provide students with an in-depth study of waste diversion and resource management, emphasizing cultural, community, and business applications. Courses cover governmental and organizational policies, practices, and procedures in waste and resource management, including best management practices and successful community and educational zero-waste programs.

RRM 1, Introduction to Recycling Resource Management 3 units

Transfer: CSU

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces general terminology and principles regarding waste, recycling, resource management and Zero Waste. The history of waste and resource management in California, including residential, commercial and institutional reuse, recycling, and composting programs, is addressed. An overview of national, state, and local legislation and regulations related to waste and resource management and recycling is provided. The course covers waste diversion practices such as reduce, reuse, recycle, and also introduces principles in recovery, remanufacturing and repurchasing.

RRM 2, Culture and Zero Waste 3 units

Transfer: CSU

- Prerequisite: None.

This course will provide an overview of our “throw-away” culture and the motivations behind consumerism and related waste disposal practices. Key issues of the course include carbon footprint, plastics in our environment, consumer laws and cultural mindsets. The course will identify key government agencies and policies and how to collaborate and obtain funding for outreach. Environmental educational skills, programs, and methods will be reviewed. Case studies of successful youth campaigns will be explored and the basics of establishing strong educational programs examined.

RRM 3, Resource Management and Zero Waste for Communities 3 units

Transfer: CSU

- Prerequisite: None.

This course will identify how resource management and Zero Waste policies and programs are developed within a community, what type of planning and facilities are needed, and how to finance the systems. Students will also review

sample sustainability and zero waste plans and will discuss different approaches communities have taken to developing Zero Waste goals. Students will also learn about tools for local government, best practices for RFPs (Request for Proposals) and contracts, enforcement options, design of resource recovery parks, performance reporting and financial records, Extended Producer Responsibility and Local Producer Responsibility policies and programs, bans, rules and incentives, and local markets and uses for discarded resources.

RRM 4, Resource Management and Zero Waste in Business 3 units

Transfer: CSU

- Prerequisite: None.

This course will provide hands-on applications and tools for businesses to design, implement and oversee waste reduction and resource management programs. It will review a variety of best practices for successful waste diversion and recovery in businesses, detailing how businesses can implement those practices to achieve Zero Waste. Examination of case studies will be used to demonstrate how different companies have implemented successful waste diversion and sustainability programs, including triple bottom line business practices. This course will also provide students with an understanding of how to plan and implement commercial food and organics programs.

Religious Studies

REL ST 51, Literature of the Bible: Old Testament 3 units

Transfer: UC, CSU

IGETC Area 3B (Humanities)

- Prerequisite: English 1.

This course provides an analytical and critical study of the Old Testament of the Bible, focusing on its component genres and literary qualities. Attention is given to how Biblical literature has been and can be interpreted, studied, and used. Representative types of Biblical literature are examined.

Religious Studies 51 is the same course as English 51. Students may earn credit for one, but not both.

REL ST 52, Literature of the Bible: New Testament 3 units

Transfer: UC, CSU

IGETC Area 3B (Humanities)

- Prerequisite: English 1.

This course introduces the students to the variety and wealth of literature contained in the New Testament. Attention is given to the ways in which Biblical literature has been and can be interpreted, studied, and used. The various types of literature in the Bible are set forth and representative pages of each of these types are presented and examined.

Religious Studies 52 is the same course as English 52. Students may earn credit for one, but not both.

Respiratory Care

RC 1, Fundamentals of Respiratory Care 2 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program, ANATMY 1 and HEALTH 61 and MCRBIO 1 and PHYS 3 and CHEM 10 or CHEM 19.

This course introduces students to the fundamentals of respiratory care practice, including credential mechanisms, organization of respiratory care services, theory of modalities performed by respiratory care practitioners (RCPs) in various settings, and the various patient populations RCPs work with. Basics of patient assessment and evidence-based practice protocols are introduced.

RC 1L, Applied Fundamentals of Respiratory Care 2 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program. Corequisite: RC 1.

This course provides hands-on practice of the fundamentals of patient assessment, medical records, and infection control. The basic application of respiratory care modalities performed by respiratory care practitioners are introduced. Patient assessment skills and monitoring are applied to the delivery of floor care modalities. Ethics, Respiratory Care tracking software, HIPAA computer modules and hospital medical requirements are completed to prepare the student for entry to clinical experience.

RC 2, Integrated Respiratory Physiology and Pathophysiology I 2 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program and RC 1. Corequisite: RC 2L.

This course focuses on the physiology of the cardiopulmonary system from a clinical perspective, including basic anatomy, pulmonary ventilation, diffusion of gases, blood gas transport and acid-base status.

RC 2L, Applied Integrated Respiratory Physiology and Pathophysiology I 2 units

Transfer: CSU

- Prerequisite: Formal Admission to Respiratory Care Program. Corequisite: RC 2.

This course presents the applied physiology, etiology, pathophysiology, diagnosis and treatment of cardiopulmonary diseases such as asthma, chronic obstructive pulmonary disease, pulmonary embolism, pneumonia, atelectasis, interstitial lung disease, etc.

RC 3, Respiratory Care Therapeutics 3 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program and RC 2. Corequisites: RC 3L and RC 4.

This course presents the basic concepts and principles in oxygen supply systems and administration, humidity and aerosol therapy, lung expansion therapy and airway clearance techniques.

RC 3L, Applied Respiratory Care Therapeutics 3 units

Transfer: CSU

- Prerequisite: Formal admission to the Respiratory Care Program. Corequisite: RC 3.

This course provides hands-on practice and supervised clinical experience at local area hospitals with the purpose of practicing the assessment of need, administration, monitoring and reevaluation of respiratory care therapeutics (oxygen therapy, lung expansion therapy, aerosol therapy, lung expansion therapy, airway clearance modalities, and humidity therapy). Technical skills, knowledge and attitude are practiced. The student is assessed in competency of therapeutic delivery, assessment of need, assessment outcome, monitoring and evaluation of therapy.

RC 4, Physician Interaction I 1 unit

Transfer: CSU

- Prerequisite: Formal admission to the Respiratory Care Program and RC 2. Corequisite: RC 3.

This course provides direct physician interaction and student involvement in the clinical and nonclinical settings. The course will focus on the ability to present patient respiratory assessments, SBAR and assessment of need, assessment of outcome, recognize adverse effects and make recommendations of respiratory care therapeutics to a physician.

RC 5, Integrated Respiratory Physiology and Pathophysiology II 2 units

Transfer: CSU

- Prerequisite: Formal admission to respiratory care program and RC 4. Corequisite: RC 5L.

This course presents the integrated physiology, pathophysiology, diagnosis and treatment of cardiopulmonary diseases and injuries such as adult respiratory distress syndrome (ARDS), pulmonary edema, chest trauma, smoke inhalation, thermal injuries, communicable diseases, and sleep apnea.

RC 5L, Applied Integrated Respiratory Physiology and Pathophysiology II 2 units

Transfer: CSU

Corequisite: RC 5.

This course presents the applied physiology, etiology, pathophysiology, diagnosis, and treatment of cardiopulmonary diseases such as adult respiratory distress syndrome (ARDS), pulmonary edema, chest trauma, smoke inhalation, thermal injuries, communicable diseases, sleep apnea, etc.

RC 6, Airway Management 2 units

Transfer: CSU

- Prerequisite: Formal admission to the Respiratory Care Program and RC 5. Corequisites: RC 6L and RC 7 and RC 8.

This course covers the essentials of routine artificial airway care in the acute care setting. Conditions that lead to airway damage are discussed as well as techniques used to prevent them. Emphasis is placed on maintaining and troubleshooting artificial airways and preventing ventilator associated events.

RC 6L, Applied Airway Management 3 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care program. Corequisite: RC 6.

This course provides hands-on skills in a lab setting and supervised clinical experience at local area hospitals with

the purpose of gaining experience in establishing and maintaining a patent airway. Technical skills, knowledge and attitudes on emergency airway and airway management are practiced. The student is assessed in competencies assisting with endotracheal intubation and surgical and percutaneous tracheostomy procedures, securing and maintaining a patent airway.

RC 7, Introduction to Mechanical Ventilation 2 units

Transfer: CSU

- Prerequisite: Formal admission to the Respiratory Care Program and RC 5. Corequisites: RC 6 and RC 7L and RC 8.

This course covers the assessment of need, initiation, monitoring and assessment of outcome for patients requiring noninvasive and invasive mechanical ventilation. Evidence-based research is used to guide the selection of the correct interface and mode of ventilation for a particular condition requiring NIV. Basic modes of mechanical ventilation are introduced.

RC 7L, Applied Introduction to Mechanical Ventilation 4 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program. Corequisite: RC 7.

This course provides supervised clinical experience at local area hospitals with the purpose of gaining experience in the application of noninvasive and invasive mechanical ventilation in the acute care setting. This introductory course in mechanical ventilation provides practice in technical skills of mechanical ventilation such as the initiation, ventilator set-up and monitoring and noninvasive ventilation.

RC 8, Physician Interaction II 1 unit

Transfer: CSU

- Prerequisite: Formal admission to the respiratory care program and RC 5. Corequisites: RC 6 and RC 7.

This course provides direct physician interaction and student involvement in clinical and nonclinical settings. The course will focus on the ability to present case studies coherently and efficiently to a physician. Topics covered include initiation of noninvasive and invasive mechanical ventilation, airway management, and chest x-ray review.

RC 9, Intermediate Mechanical Ventilation 2 units

Transfer: CSU

- Prerequisite: Formal Admission to Respiratory Care Program and RC 6 and RC 7 and RC 8. Corequisite: RC 9L.

This course covers highly sophisticated and complex modern mechanical ventilators. Operational differences, mechanism of action, and taxonomy of the modes of commonly used mechanical ventilators is covered. The course also looks at innovations such closed-loop control of ventilation and the future of the ICU ventilator. Emphasis is placed on understanding the effects of positive pressure ventilation on various physiological systems and how to minimize adverse effects and identification of patient-ventilator asynchrony and strategies to correct it.

RC 9L, Applied Intermediate Mechanical Ventilation 3 units

Transfer: CSU

- Prerequisite: Formal Admission to the SMC RC program. Corequisite: RC 9.

This course provides hands-on skills in the lab setting and supervised clinical experience at local area hospitals with the purpose of gaining experience in the application of mechanical ventilation in the acute care setting. This course provides practice in recognizing and correcting patient-ventilator interactions that cause asynchrony and physiological effects of positive pressure ventilation. In addition, the course explores innovations in mechanical ventilation. Emphasis is placed on evaluating features and capabilities of various mechanical ventilators.

RC 10, Advanced Life Support and ICU Monitoring 2 units

Transfer: CSU

- Prerequisite: Formal admission to the Respiratory Care Program and RC 9. Corequisites: RC 10L and RC 11 and RC 12.

This course covers the essentials of invasive and noninvasive monitoring devices. Pulse oximetry, capnography, volumetric capnography and transcutaneous monitoring are covered as well as cardiovascular monitoring using invasive and indwelling catheters. The course also covers drugs used in the application of critical care and advanced life support.

RC 10L, Applied Advanced Life Support and ICU Monitoring 3 units

Transfer: CSU

- Prerequisite: Formal Admission to Respiratory Care Program. Corequisite: RC 10.

This course provides hands-on skills and supervised clinical experience at local area hospitals with the purpose of gaining experience in the initiation, monitoring and troubleshooting of noninvasive monitoring devices, hemodynamic monitoring and arterial sampling measurement and interpretation in the acute care setting. This course also provides examples of application of medications frequently used in advanced life support and in the intensive care unit (ICU).

RC 11, Advanced Mechanical Ventilation 2 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program and RC 9. Corequisites: RC 10 and RC 11L and RC 12.

This course presents conventional and unconventional strategies of mechanical ventilation to minimize lung injury. Emphasis is placed on the ARDSnet protocol and airway pressure release ventilation. The concepts of the “baby lung” and assessment of esophageal pressure, stress index, driving pressure and P-SILI are highlighted. Salvage therapies for ARDS are also discussed. In addition, conventional and unconventional strategies of the gradual or abrupt discontinuation of mechanical ventilation are covered.

RC 11L, Applied Advanced Mechanical Ventilation 2.5 units

Transfer: CSU

- Prerequisite: Formal Admission to Respiratory Care Program. Corequisite: RC 11.

This course provides hands-on skills in lab setting and supervised clinical experience at local area hospitals with the

purpose of gaining experience in applying evidence-based medicine to advanced concepts in mechanical ventilation. Emphasis is placed on recognizing acute lung injury, acute respiratory distress, and minimizing iatrogenic ventilator induced lung injury. In addition, practice in weaning and discontinuation of mechanical ventilation is covered.

RC 12, Physician Interaction III 1 unit

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program and RC 9. Corequisites: RC 10 and RC 11.

This course provides direct physician interaction and student involvement in the clinical and nonclinical settings. The course will prepare students to present case studies coherently and efficiently to a physician. The topics covered include lung protective strategies, weaning and liberation from mechanical ventilation. In addition, noninvasive and invasive monitoring, capnography, pulse oximetry, transcutaneous and hemodynamic monitoring are also covered.

RC 13, Neonatal and Pediatric Respiratory Care 2 units

Transfer: CSU

- Prerequisite: Formal Admission to the SMC RC program and RC 10 and RC 11. Corequisite: RC 13L.

This course presents prenatal development, high risk pregnancy and normal labor and delivery. Assessment of the newborn and pediatric patient, neonatal and pediatric diseases and disorders are described with an emphasis on the respiratory care interventions, techniques, and equipment used in neonatal and pediatric patient care. The use of non-invasive and invasive mechanical ventilation and strategies to reduce the likelihood of ventilator induced lung injury are also discussed.

RC 13L, Applied Neonatal and Pediatric Respiratory Care 2 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program. Corequisite: RC 13.

This course presents hands-on application of neonatal-pediatric respiratory care, physical assessment, neutral thermal environment and management of common respiratory diseases/conditions. Application of technical skills used to assess need, initial setup, and monitoring of neonatal and pediatric patient requiring noninvasive and invasive mechanical ventilation are also covered.

RC 14, Outpatient Respiratory Care 1 unit

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program and RC 12. Corequisites: RC 14L and RC 15 and RC 17.

This course covers pulmonary function testing (PFT), sleep lab, pulmonary rehabilitation, and respiratory care in alternative settings. Emphasis is placed on indication for PFT and cardiopulmonary rehabilitation. Respiratory care in alternative settings is covered as it pertains to the scope of practice of respiratory care practitioners.

RC 14L, Applied Outpatient Respiratory Care 2 units

Transfer: CSU

Corequisite: RC 14.

This course presents hands-on application of outpatient pulmonary care services such as pulmonary function tests, sleep labs, pulmonary rehabilitation and in alternative settings such as physician offices and home care. In addition, supervised clinical experience at local area hospitals is provided. Clinical rotations in pulmonary function lab, pulmonary rehabilitation and sleep lab will be provided.

RC 15, Respiratory Disease Management, 2 units

Transfer: CSU

- Prerequisite: Formal Admission to the Respiratory Care Program and RC 12. Corequisites: RC 14 and RC 15L and RC 17.

This course explores career opportunities for respiratory care practitioners in the acute care setting and beyond as a respiratory disease manager or navigator. The course covers the health system requirements, practitioner knowledge base, technical skills in case management, patient-education, and self-management, essential tools required to function and succeed as pulmonary disease manager, including the implementation of protocol-directed respiratory care.

RC 15L, Applied Respiratory Disease Management 2 units

Transfer: CSU

- Prerequisite: Formal Admission to Respiratory Care program. Corequisite: RC 15.

This course presents hands-on application skills required for a respiratory care practitioner (RCP) to function in the role of respiratory disease manager (navigator). Emphasis is placed on the design, review and implementation of respiratory care protocols using principles of evidence-based medicine. In addition, this course provides supervised clinical experience at local area hospitals. The emphasis of the clinical rotation is implementation of protocol-directed respiratory care, and the role of the RCP as disease manager in a hospital setting.

RC 16, Transition to Independent Practice 2 units

Transfer: CSU

- Prerequisite: Admission to the Respiratory Care Program and RC 15. Corequisite: RC 17.

This course provides supervised clinical experience at local area hospitals. This course facilitates students' successful transition to clinical practice. The student practices civic professionalism, patient education, decision-making, advanced-level respiratory care skills and leadership skills essential to patient care requiring respiratory therapeutics and ventilator management. Readiness to enter the workforce is strengthened as the student gains self-confidence and independence by developing time management skills as the student assumes the role of a practicing Respiratory Care Practitioner.

RC 17, Physician Interaction IV 1 unit

Transfer: CSU

- Prerequisite: Admission to the Respiratory Care Program and RC 12. Corequisites: RC 14 and RC 15 and RC 16.

This course provides direct physician interaction and student involvement in the clinical and nonclinical settings. The course focuses on the implementation of physician-ordered

respiratory care protocols, respiratory disease management and the interaction between the Respiratory Care Practitioner (RCP) and the physician in the outpatient care setting. Lastly, with the physician in the role of a mentor, the course covers the technical skills, personal attributes, overview of health care financing and action planning required for successful transition to independent practice.

RC 18, Computer Assisted Clinical Simulations 1 unit

Transfer: CSU

- Prerequisite: RC 15.

This course helps prepare students for National Board for Respiratory Examinations using computer assisted clinical simulations.

Respiratory Therapy

NOTE: Respiratory Therapy is now Respiratory Care effective Fall 2021. Please see course listings under “Respiratory Care”

Enrollment in Respiratory Therapy classes, with the exception of Res Th 1, requires admission to the program. Please call 310-434-3453 for additional information.

RES TH 1, Introduction to Respiratory Therapy 2 units

Transfer: CSU

- Prerequisite: None.

This is a survey course in respiratory therapy that provides an overview of the profession, including the various educational routes, credentialing mechanisms, professional associations, and job responsibilities of a respiratory therapist. Pulmonary anatomy, physiology and pathophysiology, measurement scales, and basic gas behavior are taught. Principles of medical gas manufacture, storage, and safety systems are introduced.

RES TH 2, Respiratory Therapy Fundamentals 4 units

Transfer: CSU

- Prerequisite: Admission to the Respiratory Therapy Program (including MCRBIO 1 and PHYS 3).

This course covers the structure and functions of respiratory therapy equipment. It acquaints students with most of the equipment used in the profession of respiratory care. Students are expected to be able to select, assemble, and correct malfunctions on most equipment used to provide respiratory care.

RES TH 29, Neonatal and Pediatric Respiratory Therapy 4 units

Transfer: CSU

- Prerequisite: Admission to the Respiratory Therapy program.

This course presents prenatal development, high risk pregnancy and normal labor and delivery. Assessment of the newborn and pediatric patient is taught. Neonatal and pediatric diseases and disorders are described with an emphasis on the respiratory care interventions, techniques, and equipment used in neonatal and pediatric patient care.

RES TH 30, Adult Critical Care Monitory and Diagnostics 3 units

Transfer: CSU

- Prerequisite: Admission to the Respiratory Therapy program.

This course presents current techniques of monitoring the critically ill adult patient. This includes electrocardiography, cardiovascular/hemodynamic monitoring, capnography and pulmonary function testing. Cardiovascular pharmacology and common approaches to supporting the unstable intensive care patient are presented. Advanced Cardiac Life Support (ACLS) algorithms for treatment of the patient with acute coronary syndrome and other related disorders are reviewed.

RES TH 60, Respiratory Physiology 4 units

Transfer: CSU

- Prerequisite: Admission to the Respiratory Therapy program.

This course presents the physiology of the cardiopulmonary system from a clinical perspective including basic anatomy, pulmonary ventilation, diffusion of gases, pulmonary circulation, ventilation/perfusion relationships, blood gas transport, acid-base balance, mechanics of breathing and neural control of breathing.

RES TH 70, Respiratory Pathophysiology 4 units

Transfer: CSU

- Prerequisite: Admission to the Respiratory Therapy program.
- Skills Advisory: Eligibility for English 1, Respiratory Therapy 60.

The pathology and pathophysiology, diagnosis, and treatment of common diseases and disorders of the respiratory and cardiopulmonary systems are covered in detail. Techniques of laboratory evaluation and specific monitoring methods are discussed.

Russian

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

RUSS 1, Elementary Russian I 5 units

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

This course provides students with basic vocabulary and fundamental sentence structures in the present and past tenses, using the nominative, locative and accusative and genitive case of nouns and pronouns. Basic listening and reading comprehension is developed, and students engage in conversation, make oral presentations, and write brief compositions. Significant geographic, historical, literary and contemporary political, social and cultural issues are also introduced.

RUSS 2, Elementary Russian II 5 units

Transfer: UC, CSU

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Russian 1*.

This continuation of Russian 1 increases basic vocabulary and introduces students to sentence structures, including the past and future tenses in both imperfective and perfective verb aspects, and completes the cases (adding genitive, instrumental, and dative cases, including plural forms. Basic listening and reading comprehension are developed, and students engage in conversations and write brief compositions using all tenses and cases. It includes reading excerpts from modern Russian sources (online newspapers and magazines) and discussing significant geographic, historical, literary, and contemporary political, social and cultural issues is continued and developed. This course is taught in Russian except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to two years of high school Russian.*

RUSS 8, Conversational Russian **2 units**

Transfer: UC, CSU

- Prerequisite: Russian 2.

This course provides an opportunity to acquire fluency in spoken Russian with emphasis on natural, colloquial use.

Applied and service-learning field experience within a public agency, educational institution, and citizen volunteer groups is a requirement of this class.

RUSS 99, Applied Learning in Russian **1 unit**

Transfer: CSU

Corequisite: Any course in Russian.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Science – General Studies

For other science courses please see specific disciplines such as chemistry, anatomy, biology, etc.

SCI 10, Principles and Practice of Scientific Research **2 units**

Transfer: UC, CSU

- Prerequisite: None.
- Skills Advisory: Successful completion of a UC transferable science class with lab and Mathematics 20 and eligibility for English 1.

This course explores the modern practice of science. The course focuses on the use of the scientific method; the history of science; how, why and where research is conducted; the ethical protocol in the scientific process; how peer review works; and how to formulate scientifically testable hypotheses and design/perform experiments to test the hypotheses. Students will apply the scientific method in

inquiry-based laboratory projects and will communicate research design, data collection, and data interpretation in conventional scientific formats.

Sociology

Sociology is the study of social life. It seeks to understand all aspects of human social behavior, including the behavior of individuals as well as the social dynamics of small groups, large organizations, communities, institutions, and entire societies. Students of sociology study a broad array of topics including social networks, gender roles and relationships, family structure and behavior, interpersonal relationships and processes, urban development, historical societies, social movements, gang violence, current immigration issues, race and ethnic relations, and crime and incarceration. Sociology looks for what is universal as well as what varies across societies and groups and courses explore social change and provide a lens into the complexity of the causes and consequences of human behavior.

SOCIOL 1, Introduction to Sociology **3 units**

Transfer: UC, CSU

C-ID: SOCI 110.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces the study of society and human social interaction. Both macro and micro sociological theory are discussed, as well as methods of sociological inquiry, culture, socialization, deviance, social change and social stratification -- particularly in the areas of social class, race and ethnicity, and gender. Students are highly encouraged to complete Sociology 1 prior to enrolling in other sociology courses.

Students may earn credit for either Sociology 1 or 1 S but not both. Only Sociology 1 S fulfills the Santa Monica College Global Citizenship requirement.

SOCIOL 1 S, Introduction to Sociology – Service Learning **3 units**

Transfer: UC, CSU

C-ID: SOCI 110

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

By relying heavily on the instructional method of service-learning, this course introduces the study of society and human social interaction. Both macro and micro sociological theory are discussed, as well as methods of sociological inquiry, culture, socialization, deviance, social change, and social stratification -- particularly in the areas of social class, race and ethnicity, and gender. Students are highly encouraged to complete Sociology 1 or 1s prior to enrolling in other sociology courses. This course requires students to engage in learning outside the classroom in conjunction with various community-based organizations.

Students may earn credit for either Sociology 1 or 1 S but not both. Only Sociology 1 S fulfills the Santa Monica College Global Citizenship requirement.

SOCIOL 2, Social Problems**3 units**

Transfer: UC, CSU

C-ID: SOCI 115.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course involves a sociological analysis of social problems on the local, national, and international level. Critical inquiry and analysis are conducted into issues such as global inequality, environmental destruction, urban deterioration, economic and political power distribution, poverty, racism, sexism, and problems of work, family, education, drugs, and crime. Theoretical perspectives of sociology and current sociological research are explored.

Students may earn credit for either Sociology 2 or 2 S but not both. Only Sociology 2 S fulfills the Santa Monica College Global Citizenship Requirement.

SOCIOL 2 S, Social Problems – Service Learning**3 units**

Transfer: UC, CSU

C-ID: SOCI 115.

IGETC AREA 4 (Social and Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

By relying heavily on the instructional method of service-learning, this course involves a sociological analysis of social problems on the local, national, and international level. Critical inquiry and analysis are conducted into issues such as global inequality, environmental destruction, urban deterioration, economic and political power distribution, poverty, racism, sexism, and problems of work, family, education, drugs, and crime. Theoretical perspectives of sociology and current sociological research are explored. This course requires students to engage in learning outside the classroom in conjunction with various community-based organizations.

Students may earn credit for either Sociology 2 or 2 S but not both. Only Sociology 2 S fulfills the Santa Monica College Global Citizenship Requirement.

SOCIOL 4, Sociological Analysis**3 units**

Transfer: UC, CSU

C-ID: SOCI 120.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Sociology 1 and eligibility for English 1.

This course introduces students to the fundamental principles and methods of sociological research design and implementation. Students examine the key varieties of evidence -- including qualitative and quantitative data, data-gathering and sampling methods, logic of comparison, and causal reasoning. The work of several scholars is evaluated and students create their own research project related to a sociological issue.

SOCIOL 12, Sociology of the Family**3 units**

Transfer: UC, CSU

C-ID: SOCI 130.

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course is an examination of the family as a social institution. Emphasis will be placed on relationships between

the family and other social institutions from American and cross-cultural perspectives. Theories of family development in society as well as pertinent research will be studied.

SOCIOL 30, African Americans in Contemporary Society**3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course involves a sociological examination of the social, cultural, political, and economic conditions experienced by African Americans in the United States. Current and past institutional practices relating to inequality, institutional discrimination, segregation, cultural pluralism, and assimilation are analyzed. Social movements within African American communities as well as intra- and intergroup relations are also considered.

SOCIOL 31, Latinas/os in Contemporary Society**3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces students to the characteristics and issues facing the large pan-ethnic Latina/o population in the United States. Attention will be given to the social, cultural, economic and political factors impacting the various Latino groups, as well as how those factors contribute both to differentiate and build coalition with other groups in American society. While the experiences of the diverse Latina/o groups will be examined, particular emphasis is placed on the experiences of Mexican Americans.

SOCIOL 32, Asian Americans in Contemporary Society**3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course introduces students to the social conditions and issues facing Asian/Pacific Americans. Using a sociological perspective, the pan-ethnic identity of Asian/Pacific Americans will be critically examined. Attention will be given to the social, cultural, economic, and political factors impacting the various Asian/Pacific groups, as well as how those factors impact both intra- and intergroup relations.

SOCIOL 33, Sociology of Sex and Gender**3 units**

Transfer: UC, CSU

C-ID: SOCI 140.

IGETC AREA 4 (Social & Behavioral Sciences)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course addresses the distinction between biological sex and the social construction of gender. Issues of gender inequality in societal institutions and social structures will be the focus of critical analyses of the consequences of the sex/gender system in the United States. Incorporating an understanding of the concept of Intersectionality will be critical to a more inclusive approach to gender and sexuality issues. A global perspective, which examines and compares the place of gender in nations of the North with those of the South, is also emphasized.

SOCIOL 34, Racial and Ethnic Relations in American Society **3 units**

Transfer: UC, CSU

C-ID: SOCI 150.

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course involves the critical examination of patterns, practices, and relations among racial and ethnic groups in the United States. Particular attention will be given to problems of ongoing discrimination, prejudice, assimilation and cultural pluralism, and power differences between groups. Interconnections between race, ethnicity, social class, gender, and other systems of inequality will be emphasized. Social movements organized within and among racial and ethnic groups that address institutional inequalities in this society will be analyzed.

SOCIOL 88A, Independent Studies in Sociology 1 unit

Transfer: CSU

Please see "Independent Studies" section.

SOCIOL 88B, Independent Studies in Sociology **2 units**

Transfer: CSU

Please see "Independent Studies" section.

Spanish

Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

SPAN 1, Elementary Spanish I **5 units**

Transfer: UC, CSU

C-ID: SPAN 100.

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

The Spanish 1 and Spanish 2 sequence is equivalent to Spanish 11. Students will receive credit for the sequence or Spanish 11, but not both.

This course introduces the students to basic vocabulary and fundamental sentence structure in the present and preterit tenses. Basic aural and reading comprehension is developed and students hold simple conversations and write short compositions about present and past actions. This course is taught in Spanish, except in the case of linguistic difficulty as determined by the professor.

SPAN 2, Elementary Spanish II **5 units**

Transfer: UC, CSU

C-ID: SPAN 110.

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Spanish 1*.

The Spanish 1 and Spanish 2 sequence is equivalent to Spanish 11. Students will receive credit for the sequence or Spanish 11, but not both.

This course is a continuation of Spanish 1. This course stresses basic vocabulary and fundamental sentence structure in the past and future indicative tenses and the subjunctive mood. The course develops basic aural and reading

comprehension. Students hold simple conversations and write short compositions in the past and future. They read simple texts and further study Spanish and Latin American culture.

**The advisory for this course is comparable to two years of high school Spanish.*

SPAN 3, Intermediate Spanish I **5 units**

Transfer: UC, CSU

C-ID: SPAN 200.

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Spanish 2*.

Students will receive credit for either Spanish 3 or Spanish 12, but not both.

This course is taught through thematic units in Spanish on a variety of current and cultural topics. In addition, this course reviews Spanish grammar, emphasizing idiomatic constructions and expressions. Emphasis is also placed on the use of learned structures in compositions. Reading skills and basic literary analysis are developed using selected readings from Spanish and Spanish-American literature.

**The advisory for this course is comparable to three years of high school Spanish.*

SPAN 4, Intermediate Spanish II **5 units**

Transfer: UC, CSU

C-ID: SPAN 210.

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Spanish 3*.

This course is taught through thematic units in Spanish on a variety of current and cultural topics. This course provides an in-depth review of Spanish grammar, idioms, and vocabulary. Developing a more sophisticated and structurally advanced writing style is also emphasized. Reading comprehension and literary analysis are developed using selected readings from Spanish and Spanish-American literature. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to four years of high school Spanish.*

SPAN 8, Conversational Spanish **2 units**

Transfer: UC, CSU

- Prerequisite: Spanish 2*.

**The prerequisite for this course is comparable to three years of high school Spanish.*

This course provides an opportunity to acquire intermediate fluency in spoken Spanish with emphasis on natural, colloquial usage. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor. *Applied and service-learning field experience within a public agency, educational institution, and citizen volunteer groups is a requirement of this class.*

SPAN 9, The Civilization of Spain **3 units**

Transfer: UC, CSU

IGETC AREA 3B (Humanities)

Satisfies Global Citizenship

- Advisory: SPAN 3.

This course traces the development of Spanish culture from prehistoric times to the present. It explores the geography,

history, literature, music, art, and the customs of the major cultural and linguistic regions of Spain. The course will be taught in Spanish except in cases of linguistic difficulty as determined by the professor.

SPAN 11, Spanish for Heritage Speakers I **5 units**

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

The Spanish 1 and Spanish 2 sequence is equivalent to Spanish 11. Students will receive credit for the sequence or Spanish 11, but not both.

This course is designed for students who speak Spanish at home and who need to improve their vocabulary and knowledge of the grammar as well as their spelling, writing skills, and reading comprehension. Formal aspects of the language will be stressed including: spelling, punctuation, and accentuation. In addition, there is a focus on formal writing and the writing process. Reading, reading strategies and comprehension as well as basic literary analysis are stressed. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor.

SPAN 12, Spanish for Native Speakers 2 **5 units**

Transfer: UC, CSU

C-ID: SPAN 220.

IGETC AREA 3B (Humanities), Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.
- Advisory: Spanish 11*.

Students will receive credit for either Spanish 3 or Spanish 12, but not both.

This is the second semester of an accelerated sequence of two designed for students whose native language is Spanish but have had little academic training in the language. In addition to a review of tenses from Spanish 11 and continued study of accent rules and orthography, the second semester will focus on advanced grammar concepts including subjunctive tenses (simple and compound) and the sequence of tenses. Composition skills taught in Spanish 11 will be strengthened in Spanish 12. There will also be a focus on reading strategies and vocabulary building. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor.

**The advisory for this course is comparable to three years of high school Spanish.*

SPAN 20, Latin American Civilization **3 units**

Transfer: UC, CSU

IGETC AREA 3B, OR 4 (Humanities, Social & Behavioral Sciences)

Satisfies Global Citizenship

- Advisory: Spanish 3 level skills.

This course introduces students to the development of Latin American culture from pre-Columbian times to the present. It will explore history, literature, art music, geography, archeology, culture, customs and traditions of Spanish America. This course will be taught in Spanish.

SPAN 25, Spanish for the Professions **3 units**

Transfer: CSU

Satisfies Global Citizenship

- Prerequisite: None.

- Advisory: Spanish 4.

This course prepares students who have completed the intermediate level of Spanish to enter the workforce in either a Spanish monolingual or a bilingual environment. The course introduces students to both cultural and linguistic expectations within the workplace environment and in addressing clients and partners. Students practice appropriate preparation of documents, early contact communications and interview skills in Spanish, create presentations on industry topics, work in groups to present and discuss business and outreach strategies (including effective outreach to communities and audiences), and branding and product marketing. Financial and budgetary matters, human resource topics and expectations, and industry environments are also covered. The course is taught in Spanish. During this course, students will have the opportunity to participate in optional experiential learning as an introduction to workplace culture.

SPAN 26, Digital Storytelling in Spanish

Transfer: CSU

- Skills Advisory: Spanish 25.

This survey class, taught in Spanish, will introduce students to the historical and current trends in Spanish-language media and LatinX-oriented media in the United States. Students will compare demographic evolution and resultant effects on media contexts. Students will practice media production techniques and create media content. As a part of this course, students will experience work in the communications field through experiential learning placements. *Spanish 26 is the same course as Media Studies 26. Students may earn credit for one but not both.*

SPAN 31A, Practical Spanish **3 units**

Transfer: CSU

- Prerequisite: None.

This course is designed for the student with no previous knowledge of Spanish and develops basic conversation skills in the present tense. It emphasizes the use of set-up phrases, idiomatic expressions, correct pronunciation, development of useful thematic vocabulary and the ability to communicate at a practical and basic level. This course is taught in Spanish except in cases of linguistic difficulty as determined by the professor.

SPAN 99, Applied Learning in Spanish **1 unit**

Transfer: CSU

Corequisite: Any course in Spanish.

This course -- taken in tandem with another course in the discipline -- enables a student to apply course content in a meaningful and relevant way to a particular activity. In this hands-on course, students engage in applied learning through unpaid experiential activities organized by the student (in conjunction with SMC's applied/service learning center) and approved by the instructor. Students will develop a customized reading list relevant to their particular activity, complete a minimum of 15 hours of volunteer work with that activity, and submit academically-sound written reports regarding the activity. By applying course material to their experience, students develop a deeper understanding of the discipline.

Speech

Please see listing under "Communication Studies."

Student Activities

STUGOV 81, Introduction to Student Government

1 unit

Transfer: CSU

- Prerequisite: None.

This course explores the fundamental principles and practical applications of student government organizations. Students will have an opportunity to reflect upon and assess their leadership and communication styles and subsequently, create a personal development plan conducive to becoming more effective student leaders. Topics in the course will include, but are not limited to, parliamentary procedure, guidelines governing the function of the Associated Students (e.g., Constitution and Bylaws, Title 5 and Education Code), and ethical decision-making. Strategies for academic success will be embedded throughout the course.

Sustainability Systems and Technology - Noncredit

SST 901, Fundamentals of Sustainability 0 units

This course introduces the basic concepts of sustainability and examines connections among social, economic and environmental systems in society, and provides both non-traditional and pathway students the opportunity to develop a skill-set in the field of sustainability.

SST 902, Sustainability Outreach 0 units

This course introduces a community relations system with proven techniques and practices for effective sustainability outreach programs and provides both non-traditional and pathway students the opportunity to develop a skill-set in the field of sustainability.

SST 904, Sustainability Assessment 0 units

This course provides hands-on instruction on the qualitative and quantitative processes and equipment used to assess sustainability in areas including Zero Waste, Net Zero, energy efficiency, and more, and provides both non-traditional and pathway students the opportunity to develop a skill-set in the field of sustainability.

SST 905, Organics Recycling 0 units

This course is a hands-on introduction to integrated organics recycling and management including: waste prevention, food rescue, recovery through onsite and offsite technologies, energy production, and marketing of processed by-products. Students will participate in operating the on-campus worm farm for recycling food wastes and provides both non-traditional and pathway students the opportunity to develop a skill-set in the field of sustainability.

SST 906, Introduction to Clean Technologies 0 units

This course introduces current and emerging soft and hard sustainability technologies including energy and water effi-

ciency and conservation, renewable energy, and the 3Rs: Reduce, Reuse and Recycle, and provides both non-traditional and pathway students the opportunity to develop a skill-set in the field of sustainability.

SST 908, Impacts of Policy on Sustainability 0 units

This course presents information critical to a basic understanding of public and private sector governance that acts as an important driver to sustainability, and provides both non-traditional and pathway students the opportunity to develop a skill-set in the field of sustainability.

SST 909, Sustainable Food Systems 0 units

This course introduces the environmental, social, and economic issues surrounding our food system. We examine food sustainability, including zero waste, on campus; at food policy in Los Angeles; and provides both non-traditional and pathway students the opportunity to develop a skill-set in the field of sustainability.

Theatre Arts

Pre-enrollment auditions are required for Theatre Arts production classes (Th Art 45, 50, 52, 53, 54, 55 and 56). Theatre Arts majors enroll in Theatre Arts 5. All sections require attendance of theatre productions for which students must purchase tickets.

TH ART 2, Introduction to the Theatre 3 units

Transfer: UC, CSU

C-ID: THTR 111.

IGETC AREA 3A (Arts)

- Prerequisite: None.

This course provides the student with a general knowledge of theatre and its influence on modern society. Historical growth, basic vocabulary, skills, and crafts of theatre are emphasized.

Theatre Arts majors enroll in Theatre Arts 5.

TH ART 5, History of World Theatre 3 units

Transfer: UC, CSU

C-ID: THTR 113.

IGETC AREA 3A (Arts)

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

This course covers the history of theatre and dramatic literature with emphasis on the relationship of the theatre to cultural development.

TH ART 10A, Voice Development for the Stage 3 units

Transfer: UC, CSU

- Prerequisite: None.

The study of speech designed to develop the skills for performing classic and modern dramatic literature is stressed in this course.

TH ART 10B, Advanced Voice Development for the Stage 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Theatre Arts 10A.

This course covers more advanced study of stage speech designed to help develop the skills for performing classic and modern dramatic literature. This is also a continuation

for the non-actor in the dynamic approach to vocal and health and affective communication.

TH ART 13, Stage Dialects **2 units**

Transfer: CSU

- Advisory: Theatre Arts 10A.

Specific training is given in the performance of the regional American and foreign dialects most often used in the theatre.

TH ART 14 , Beginning Stage Combat **2 units**

Transfer: UC, CSU

This course is an introduction to stage combat performance techniques with primary focus on actor safety and effective story telling. Disciplines explored will include Unarmed Combat and Quarterstaff.

TH ART 15, Stage Movement for the Actor **1 unit**

Transfer: UC, CSU

- Prerequisite: None.

Formerly Theatre Arts 15A.

This course develops the student's awareness of the body as an instrument of communication in stage acting.

TH ART 16, Advanced Stage Movement for the Actor **2 units**

Transfer: UC, CSU

- Prerequisite: None.

Formerly Theatre Arts 15B.

This course enhances the student's awareness of the physical self as a means of communication in Theatre. Techniques from Flamenco movement are incorporated to help the student develop coordination, poise, rhythm and passion that are inherent in this art form. Adopting this technique, students perform scenes and monologues from various genres including works of Shakespeare, Lorca and Oscar Wilde.

Students enrolled in this course are required to purchase tickets for and attend SMC theatre productions.

TH ART 18A, Technical Theatre Production Workshop **1 unit**

Transfer: UC, CSU

C-ID: THTR 192; to get C-ID THTR 192 for TH ART 18A, students must complete both TH ART 18A and 18B.

- Prerequisite: None.

This course is intended for students interested in actual training and experience, either in the various backstage areas of technical support or by being involved as a member of a production crew for a Santa Monica College Theatre Arts Dept. production.

TH ART 18B, Technical Theatre Production Workshop **2 units**

Transfer: UC, CSU

C-ID: THTR 192.

- Prerequisite: None.

This course is intended for students interested in actual training and experience, either in the various backstage areas of technical support or by being involved as a member of a production crew for a Santa Monica College Theatre Arts Department production.

TH ART 18C, Technical Theatre Production Workshop **3 units**

Transfer: UC, CSU

C-ID: THTR 192.

- Prerequisite: None.

This course is intended for students interested in actual training and experience, either in the various backstage areas of technical support or by being involved as a member of a production crew for a Santa Monica College Theatre Arts Department production.

TH ART 20, Stagecraft **3 units**

Transfer: UC, CSU

C-ID: THTR 171.

- Prerequisite: None.

This course covers the construction, painting and rigging of stage scenery, properties and effects. It includes the use of construction tools, shop safety and procedures, and an introduction to scenic design.

TH ART 21, Scenic Painting Techniques **3 units**

Transfer: UC, CSU

- Skills Advisory: Theatre Arts 20.

The course concerns the study and execution of scenic painting techniques. It provides study and training in the use of materials and techniques for painting scenery for theatre, film and television.

A materials fee will be charged for student supplies.

TH ART 22, Stage Lighting **3 units**

Transfer: UC, CSU

C-ID: THTR 173.

- Prerequisite: None.

This course introduces the student to the theory and practice of modern stage lighting. The properties and control of light are covered, including electricity, color, instrumentation and design.

TH ART 23, Projection and Lighting Design **3 units**

Transfer: UC, CSU

- Prerequisite: None.

This course explores the process of designing projection and lighting for theatrical performances including: visualizing and choosing a concept, drafting a light plot, finding projection content, and focusing and cueing. In-depth programming of lighting consoles and advanced equipment (including moving lights, LEDs, projectors and DMX controlled accessories) will be addressed. Students are also introduced to drafting light plots by hand and with computer software such as Vectorworks, Spotlight, and Lightwright, the basics of using Photoshop, and running projection with Qlab.

TH ART 25, Introduction to Theatrical Sound **3 units**

Transfer: UC, CSU

This course introduces the student to the theory and practice of modern theatrical sound design. The role of sound in theatre is explored with a focus on its unique contribution in supporting the dramatic narrative. Instruction will cover basic sound theory and acoustics, use of contemporary audio equipment, tools, and techniques, and crafting a sound design from concept to completion.

TH ART 26, Introduction to Stage Costuming 3 units

Transfer: UC, CSU

C-ID: THTR 174.

- Prerequisite: None.

Costume construction theory and practice are the essential elements in this course, including a survey of the history of costume.

TH ART 28A, Beginning Stage Make-Up 2 units

Transfer: UC, CSU

A study of the art and application of stage make-up with practice in the techniques of creating facial characterizations and alterations for specific roles and types.

TH ART 28B, 3D and Theatrical Styles Make-Up 1 unit

Transfer: UC, CSU

- Prerequisite: None.

This course is a study and practice of specific techniques in the art of 3D and theatrical styles make-up with emphasis on developing knowledge and skill in its design and practical application.

Students enrolled in this course are required to purchase tickets for and attend SMC theatre productions.

TH ART 31, Introduction to Stage Management 3 units

Transfer: UC, CSU

- Prerequisite: None.

This course explores the artistic and organizational techniques and practices required of stage managers. Topics covered include production preparation, safety, rehearsal documentation styles, execution and calling of shows. The course also addresses the necessary collaborations and relationships with other artists and staff.

TH ART 32, Scenic Design 2 units

Transfer: UC, CSU

- Prerequisite: None.

This course introduces the student to the principles of scenic design as applied to the Theatre. Creative skills such as sketching, drawing, and research will be explored, and techniques in drafting by hand will be covered along with a brief introduction to Vectorworks and Sketchup.

TH ART 38A, Beginning Stage Direction 3 units

Transfer: UC, CSU

- Advisory: TH ART 41.

Basic techniques of play analysis and stage directorial techniques are explored in this course.

Students enrolled in this course are required to purchase tickets for and attend SMC theatre productions.

TH ART 41, Acting I 3 units

Transfer: UC, CSU

C-ID: THTR 151.

- Prerequisite: None.

This course introduces the beginning student to the art of stage acting. The major emphasis is on actor development and growth through character portrayal, scene or monologue performance, and written work. Students evaluate theatre productions based on materials and techniques studied.

TH ART 42, Acting II 3 units

Transfer: UC, CSU

C-ID: THTR 152.

- Skills Advisory: Theatre Arts 41.

This course provides continued and intensive development of acting skills. Focus on realistic acting techniques, rehearsal skills, character building, scene study and performance, and play analysis.

TH ART 43, Acting, Historical Styles – Early 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Skills Advisory: Theatre Arts 41 or 42.

This course contains development of acting skills and explores several non-realistic acting styles through performance of prepared scenes and culminating in a final public performance. Styles covered in class may include Greek (Tragedy and Comedy), Roman Comedy, Medieval, Shakespearean (Tragedy and Comedy) and Comedy of Manners.

Students enrolled in this course are required to purchase tickets for and attend SMC theatre productions.

TH ART 44, Acting, Historical Styles – Late 3 units

Transfer: CSU

- Prerequisite: None.
- Skills Advisory: Theatre Arts 41 or 42.

This course contains development of acting skills and explores several non-realistic acting styles through performance of prepared scenes and culminating in a final public performance. Styles covered in class may include Commedia dell'Arte, Farce, Melodrama, Ibsen, Chekhov, Brecht, Theatre of the Absurd (Beckett, Pinter, Ionesco, Genet, Stoppard, Sheppard).

Students enrolled in this course are required to purchase tickets for and attend SMC theatre productions.

TH ART 45, Musical Theatre Workshop 3 units

Transfer: UC, CSU

C-ID: THTR 191.

- Prerequisite: Audition required.

This course introduces the student to theories, techniques and practices of musical theatre performance. The class concentrates on preparing and performing scenes from musical theatre, culminating in a public performance.

Theatre Arts 45 is the same course as Music 45. Students may earn credit for one, but not both.

TH ART 46, Comedy Acting Workshop 3 units

Transfer: UC, CSU

- Prerequisite: None.
- Advisory: Theatre Arts 41.

This course explores comedic acting skills through the application and development of progressive comedy techniques. Through acquired knowledge of the genre and analysis of plays, this course fosters the development of acting techniques for theatrical venues. Students will rehearse and prepare material and learn about the processes of comedy acting for the live theatre.

TH ART 48A, Introduction to Acting Shakespeare 3 units

Transfer: UC, CSU

This course introduces students to acting in the world of Shakespeare. Students will explore the historical, social and

poetic aspects of Shakespeare's theatrical works and how they relate to the performance of his plays on the stage. Students will employ acting techniques and theatrical conventions through the performance of selected scenes from Shakespeare plays.

TH ART 50, Advanced Production – Full Play 3 units

Transfer: UC, CSU

C-ID: THTR 191.

- Prerequisite: Pre-enrollment auditions required.

This course includes rehearsals and performances of a full-length theatrical production in the Main Stage. Emphasis is placed on cooperative blending of all theatrical activities into a finished public performance.

TH ART 51, Stage Make-Up Workshop 0.5 unit

Transfer: UC, CSU

- Prerequisite: None.

Concurrent Enrollment in a Theatre Arts production course is required.

A study of the art and practical application of stage make-up for those performing in Theatre Arts Department productions.

TH ART 52, Advanced Production – Musical Theatre 5 units

Transfer: UC, CSU

- Prerequisite: Pre-enrollment auditions required.

This course includes rehearsals and performances of the department's musical theatre production. Dance laboratory is included.

Students enrolled in this course are required to purchase tickets for and attend SMC theatre productions.

TH ART 53, Production for the Younger Audience 3 units

Transfer: CSU

C-ID: THTR 191.

- Prerequisite: Pre-enrollment audition required.

Co-enrollment in Theatre Arts 51 is required.

This course includes rehearsals and performances of a theatrical production geared specifically for a younger audience. It explores acting skills through the application and development of progressive performance techniques. Emphasis is placed on cooperative blending of all theatre activities into a finished public performance. Students will rehearse and prepare material and learn about the processes of performing for the live theatre.

Students enrolled in this course are required to purchase tickets for and attend SMC theatre productions.

TH ART 54, Advanced Production – Summer Theatre 6 units

Transfer: UC, CSU

- Prerequisite: Pre-enrollment auditions required.

This course includes rehearsals and performances of the department's summer theatre productions, including related production activities.

TH ART 55, Advanced Production – Small Theatre Venue 3 units

Transfer: CSU

C-ID: THTR 191.

- Prerequisite: Pre-enrollment audition required.

This course involves rehearsals and performances of a theatrical production designed for a smaller venue. Such a production includes, but is not limited to any of the following: Non-traditional themes, newer or lesser-known playwrights, student or faculty-written works, multi-cultural works and multiple theatrical genres. The course applies advanced acting skills in the selected genre to the development and performance of a production. Emphasis is placed on cooperative blending of all theatre activities into a finished public performance. Students rehearse and learn about the processes of performing for the live theatre.

TH ART 56, Advanced Audition Workshop 4 units

Transfer: CSU

- Prerequisite: Pre-enrollment audition required.

On-site exploration and application of progressive audition techniques for students hoping to advance to higher levels of education and performance goals. Students will prepare audition material and learn about the processes of auditioning at the more advanced levels of theatre and the education system. Many will proceed to audition for prestigious schools and contests.

Students enrolled in this course are required to purchase tickets for and attend SMC theatre productions.

TH ART 88A, Independent Studies in Theatre Arts 1 unit

Transfer: CSU

Please see "Independent Studies" section.

TH ART 88B, Independent Studies in Theater Arts 2 units

Transfer: CSU

Please see "Independent Studies" section.

TH ART 90A, Theatre Arts Internship 1 unit

Transfer: CSU

Please see "Internships" section.

TH ART 90B, Theatre Arts Internship 2 units

Transfer: CSU

Please see "Internships" section.

TH ART 90C, Theatre Arts Internship 3 units

Transfer: CSU

Please see "Internships" section.

TH ART 90D, Theatre Arts Internship 4 units

Transfer: CSU

Please see "Internships" section.

Turkish

Additional hours to be arranged in the Modern Language Lab for Turkish 1. Most sections require the use of a computer with Internet access for class resources and/or to complete assignments.

TURKSH 1, Elementary Turkish 1 5 units

Transfer: UC, CSU

IGETC Foreign Language (required for UC only)

Satisfies Global Citizenship

- Prerequisite: None.

This course introduces basic vocabulary and the fundamentals of modern Turkish grammar, sentence structure, and

pronunciation. The course prepares students to hold simple conversations and write short dialogs and compositions in modern Turkish. Aspects of Turkish culture, history and geography are covered as well. Students will be introduced to traditional Turkish arts such as the art of water marbling, Karagöz shadow play and Orta Oyunu Theater. This course is conducted primarily in Turkish except in cases of linguistic difficulty.

Urban Studies

Urban Studies is an interdisciplinary investigation of our dynamic world of cities and their suburbs. From points of view ranging from the local to the global, students in this field examine cities as complex social groupings of people and institutions, as well as cultural landscapes of buildings, pathways, and public and private spaces. Urban Studies is concerned with what cities are and have been, as well as with ever-changing ideas about what cities could and should be. Urban Studies prepares students for careers in fields such as urban planning, architecture, public policy, and real-estate development, and it informs discussions of issues such as housing, transportation, urban renewal, segregation, sustainability, and suburban sprawl.

URBAN 8, Introduction to Urban Studies 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social and Behavioral Sciences)

- Prerequisite: None.

This course introduces students to the multi-disciplinary study of urban society and space. Cities are examined both as complex social-economic groupings of people, and as material landscapes of buildings, pathways, and public and private spaces. Attention is paid to what cities are and have been (the evolving urban experience of the past and present) as well as to ever-changing ideas about what cities should be (urban planning and design for the future). While the overall perspective of the course is global, its primary focus is on the cities of North America and, in particular, the Los Angeles metropolitan area. This emphasis is evident both in the classroom and in field trips or other assignments that ask students to apply classroom ideas to our local urban setting.

Urban Studies 8 is the same course as Geography 8. Students may earn credit for one, but not both.

Varsity Intercollegiate Athletics

See also "Kinesiology/Physical Education" (KIN/PE) and "Professional Courses in Kinesiology/Physical Education" (PRO CR).

Athletic courses provide an opportunity for inter-conference, invitational, sectional or state involvement at a high level of mental and physical competition. Athletic excellence is stressed throughout. One repeat of each varsity sport is allowed. Maximum credit for UC transfer for any or all of these courses combined is four units.

VAR PE 9V, Varsity Basketball for Men 3 units

Transfer: UC, CSU

This basketball course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate basketball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 9W, Varsity Basketball for Women 3 units

Transfer: UC, CSU

This varsity basketball course provides a consistent laboratory for the development and enhancement of the skills required to participate in women's intercollegiate basketball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 11A, In-Season Intercollegiate Strength and Conditioning 1 unit

Transfer: UC, CSU

- Prerequisite: None.

Students will be instructed in sport specific strength and conditioning protocols geared towards maintaining physical athletic qualities such muscular strength and power. There will also be an emphasis on recovery techniques. This in-season physical preparation course is recommended for those students participating on the intercollegiate varsity team.

VAR PE 11B, Off-Season Intercollegiate Strength and Conditioning 1 unit

Transfer: UC, CSU

Students will be instructed in sport specific strength and conditioning protocols related to improving muscular strength, power, agility, and speed. This off-season physical preparation course is recommended for those students that plan on participating on the intercollegiate varsity team.

VAR PE 11C, Intersession Intercollegiate Strength and Conditioning 1 unit

Transfer: UC, CSU

This course covers sport specific strength and conditioning protocols related to improving conditioning, muscular strength, power, agility, and speed. This physical preparation course is recommended for those students that plan on participating on the intercollegiate varsity team.

VAR PE 14V, Varsity Cross Country for Men 3 units

Transfer: UC, CSU

This cross country course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate cross country. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate

varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 14W, Varsity Cross Country for Women **3 units**

Transfer: UC, CSU

This cross country course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate cross country. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 20V, Advanced Football for Men **1 unit**

Transfer: UC, CSU

This course is designed with an emphasis on a high level of competition among students with previous experience in competitive football. The course stresses the development of advanced skills and strategies for competitive intercollegiate football.

VAR PE 21V, Varsity Football for Men **3 units**

Transfer: UC, CSU

The varsity football course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate football. The course is in conjunction with regular season practice and conference games as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 43V, Varsity Soccer for Men **3 units**

Transfer: UC, CSU

This varsity soccer course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate soccer. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 43W, Varsity Soccer for Women **3 units**

Transfer: UC, CSU

This varsity soccer course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate soccer. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 45W, Varsity Softball for Women **3 units**

Transfer: UC, CSU

This varsity softball course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate softball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 48V, Varsity Swimming and Diving for Men **3 units**

Transfer: UC, CSU

This varsity swimming and diving course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate swimming and diving. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 48W, Varsity Swimming and Diving for Women **3 units**

Transfer: UC, CSU

This varsity swimming and diving course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate swimming and diving. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 50V, Varsity Water Polo for Men **3 units**

Transfer: UC, CSU

This varsity water polo course provides a consistent laboratory for the development and enhancement of the skills required to participate in men's intercollegiate water polo. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 50W, Varsity Water Polo for Women **3 units**

Transfer: UC, CSU

This varsity water polo course provides a consistent laboratory for the development and enhancement of the skills required to participate in women's intercollegiate water polo. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on

the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed. *Must be enrolled in at least 12 units, including this course.*

VAR PE 54W, Varsity Tennis for Women 3 units

Transfer: UC, CSU

This varsity tennis course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate tennis. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 56V, Varsity Track and Field for Men 3 units

Transfer: UC, CSU

This varsity track and field course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate track and field. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 56W, Varsity Track and Field for Women 3 units

Transfer: UC, CSU

This varsity track and field course provides a consistent laboratory for the development and enhancement of the skills required to participate in women's intercollegiate track and field. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 57V, Varsity Volleyball for Men 3 units

Transfer: UC, CSU

This varsity volleyball course provides a consistent laboratory for the development and enhancement of the skills required to participate in men's intercollegiate volleyball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 57W, Varsity Volleyball for Women 3 units

Transfer: UC, CSU

This varsity volleyball course provides a consistent laboratory for the development and enhancement of the skills required to participate in women's intercollegiate volleyball. The course is in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This class is rec-

ommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed. *Must be enrolled in at least 12 units, including this course.*

VAR PE 59W, Varsity Beach Volleyball for Women 3 units

Transfer: UC, CSU

The varsity beach volleyball course provides a consistent laboratory for the development and enhancement of the skills required to participate in intercollegiate athletics. The course is to be arranged in conjunction with regular season practice and competitions as scheduled by the local and state community college athletics organizations. This course is recommended for those students that plan on participating on the intercollegiate varsity team. Previous experience on a club or high school team is preferred. One repeat is allowed.

Must be enrolled in at least 12 units, including this course.

VAR PE 60, Conditioning for Intercollegiate Sport 1 unit

Transfer: UC, CSU

- Prerequisite: None.

This conditioning course provides a consistent laboratory for sport specific training and conditioning related to intercollegiate athletics participation. Emphasis is on individual and team activities that contribute to advancement in their designated sport.

VAR PE 61, Skills Training for Intercollegiate Sport 1 unit

Transfer: CSU

- Prerequisite: None.

This athletic skills training course provides a consistent laboratory for sport specific techniques, skills and necessary conditioning to improve student-athletes for intercollegiate participation. Emphasis is on individual and team skills development when intercollegiate competition is not possible.

Women's, Gender, and Sexuality Studies

Women's, Gender, and Sexuality Studies is an interdisciplinary field of inquiry analyzing structures of power, especially as they are grounded in gender, race, sexuality, ethnicity, nationality, ability, and other sources of inequalities. The students who enroll in these courses gain the opportunity to understand how social forces, organized around the central concept of gender, shape both themselves as individuals and the world around them. Students have the opportunity to attain a fuller understanding of human behavior, culture, and society made possible by investigating women's lives, as well as the lives of other marginalized groups, and acquaint themselves with the experience of subordinate genders of various economic, ethnic, and racial backgrounds.

WGS 8, Women in the Economy 3 units

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: MATH 31 or MATH 50 and Eligibility for English 1

This course applies economic theory to study women's decisions regarding labor force participation, unpaid household production, and marriage and fertility. Other topics to be considered include: the gender wage gap, women's educational attainment, and economic differences for women across race, socioeconomic status, and marital status.

Women's, Gender, and Sexuality Studies 8 is the same course as Economics 8. Students may earn credit for one but not both.

WGS 10, Introduction to Women's, Gender, and Sexuality Studies **3 units**

Transfer: UC, CSU

C-ID: SJS 120.

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Women's Studies 10.

Introduction to the study of women and men in society, covering comparative issues of social, political, and economic position in the workplace, family, cultural institutions; historical basis of gender based subordination; the female experience; the male experience; relations between women and men; intersections of ethnicity/race, class, sexuality and gender; violence against women; cultural images of women and men; social roles of women and men, LGBTQ identities and movements for social change.

WGS 20, Gender, Feminisms, and Social Movements: A Global Approach **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Women's Studies 20.

This course introduces and utilizes feminist theories to examine salient issues that women confront around the world and the variant movements of resistance and social change spurred by these issues. The course includes an examination of both historical and contemporary women's activism around the globe, including feminist movements that focus on political, economic, cultural, and environmental change, as well as an assessment of the impact of globalization on women's lives. Particular attention may be given to Third World women, poor women, women of color, immigrant women, incarcerated women, women and war, women with disabilities, and queer people.

WGS 30, Women, Gender, and Sexuality in Popular Culture **3 units**

Transfer: UC, CSU

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.
- Skills Advisory: Eligibility for English 1.

Formerly Women's Studies 30.

This course utilizes the lens of feminist theories to critically analyze how popular culture constructs gender and sexuality and how these constructions become cultural norms and values. Employing feminist theories and feminist analysis,

this course examines the relationship between women, gender, sexuality and popular culture. Students will examine historical and contemporary images and roles of women in popular culture (including print, film, television, music, advertising, and consumerism) and situate these images and roles within changing socio-historical, political, and economic contexts. The intersection of gender, race, class, and sexual orientation is examined throughout the course and the relationship between popular culture and feminist movements is emphasized.

WGS 40, Introduction to LGBTQ Studies **3 units**

Transfer: UC, CSU

C-ID: SJS 130.

IGETC AREA 4 (Social & Behavioral Sciences)

Satisfies Global Citizenship

- Prerequisite: None.

This introductory course examines a broad range of contemporary and historical gay, lesbian, bisexual, transgender, intersex and queer issues in various contexts, such as social, scientific and cultural contexts.

WGS 88A, Independent Studies in Women's, Gender, and Sexuality Studies **1 unit**

Transfer: CSU

Please see "Independent Studies" section.

WGS 88B, Independent Studies in Women's, Gender, and Sexuality Studies **2 units**

Transfer: CSU

Please see "Independent Studies" section.

WGS 90A, Internship in Women's, Gender, and Sexuality Studies **1 unit**

Transfer: CSU

Please see "Internships" section.

WGS 90B, Internship in Women's, Gender, and Sexuality Studies **2 units**

Transfer: CSU

Please see "Internships" section.

Zoology

Please see listing under "Biological Sciences."

SMC EMERITUS

The following classes are designed for older adults. The classes are noncredit and free, and they do NOT carry academic credit or assign grades. Please call 310-434-4306 for information or visit smc.edu/emeritus.

Administration of Justice

AD JUS E00, Crimes Against the Elderly for Older Adults

This course educates older adults in methods of protection for their person and property. Older adults learn common methods used by scam artists to prey upon the older adult population, current illegal schemes, safe behavior, and prevention techniques. The course also covers consumer information and methods of dealing with peace officers.

Arts & Crafts

ART E00, Survey of Art

This course provides older adult students with in-depth knowledge about the chronological, social, and historical development of art and/or architecture. Older adults investigate the history of art and view selections from different time periods, regions, or developmental stages, and compare and contrast artwork from different periods with their peers.

Survey of art: View selections from a variety of time periods and artists. Classes with "ITINERARY" listed as a location have field trips to galleries, museums, studios and site-specific works of art. For "ITINERARY" location classes, first meeting only at 1227 2nd St. to receive the itinerary — ask front desk for location of first meeting. Gallery tour schedules may change due to venue schedules.

ART E01, Contemporary Art

This course provides older adults with a working knowledge of current trends in the art world, as well as a greater understanding of how art influences all of our lives. Older adults will develop an appreciation for contemporary art and will compare and contrast specific pieces of art.

ART E03, Art and Architecture

This course helps older adults learn about the structures around them and how to appreciate historical buildings and monuments located locally and around the world. Older adult students learn and discuss with their peers the historical periods and styles of world architecture, as well as the development of modern trends.

ART E05, Fine Arts

This course is designed to provide opportunities for socialization and to enhance the artistic skill and self expression of older adults who wish to maintain creative expression and eye-hand coordination through instruction in drawing using traditional methods. Students, most of whom are new to drawing and painting, are exposed to a variety of artistic materials and processes, and learn to execute a variety of projects to demonstrate understanding of the concepts. Older adult students also participate in constructive critiques of their own and others' work.

ART E06, Artistic Expression through Gardening

This course helps older adults express themselves by creating indoor and/or outdoor gardens and learn how gardening can lead to a more creative and healthier lifestyle. Older adults discuss maintenance issues, cost factors, and artistic expression in gardening, as well as the history of gardening styles in public and private spaces. Older adults learn about making environmentally sensitive gardening choices, as well as ways to create long-lasting environments that make their lives more pleasant and fulfilling.

ART E10, Exploratory Art for Older Adults

This course helps older adults explore new and unusual approaches to the creative process, and encourages and supports them in working with new and non-traditional techniques of self expression. Older adults explore new styles, methods, and context to express feelings, observations, memories, and reactions to the world around them.

ART E11, Creative Art for Older Adults

This course assists older adults in incorporating the process of creating art into their lives in unusual and inspiring ways. The course provides an atmosphere where older adult students can use their hands, minds, and eyes to express themselves in their art, as well as interact with their peers, unlock their creativity through guided visualization in art and relaxation techniques, and improve their sense of well being by holistically blending mind, body, and spirit through art.

ART E14, Arts and Crafts for Older Adults

This course is designed for long-term care residents, provides an opportunity for self-expression for more frail older adults, and helps them build a sense of purpose and enhance self esteem through crafts. Older adults maintain manual dexterity and hand-eye coordination by manipulating art materials and tools, and develop ideas as expressed through mixed media, painting, sculpture, and paper making.

ART E15, Drawing

This course provides a supportive atmosphere for older adults — from beginners to more advanced students — to explore and experiment with self expression through drawing. Older adult students learn drawing skills, elements of design, composition, and creativity, as well as drawing techniques for representative or stylistic effect. As well, students learn to interpret the perceived "real world" in a two-dimensional field, and to improve their observation and hand-eye coordination. The course focuses on the processes by which one makes art, exposes students to different approaches, and challenges students to think about what they are doing or trying to do.

ART E16, Life Drawing Studio

This course provides a opportunity for older adults to learn to see the human form and draw the anatomy of the human figure. This supportive class explores basic anatomy, movement, and skeletal structure of the figure using live models. Through demonstrations, class exercises, individual instruction, and guidance, beginning students learn basic life drawing skills, while more advanced students sharpen their skills in capturing the physical attributes of the model and expressiveness of the pose.

ART E18, Painting for Older Adults

This course is designed to provide older adults with a supportive environment and an appropriate place to create works of art and express themselves through painting. The course helps older adults maintain or improve hand-eye coordination, painting skills, self confidence, skill in handling art materials, and interaction with other older adults.

ART E19, Painting

This course enhances older adults' artistic creativity and painting skills through positive motivation and instruction in oils and acrylics techniques that may use the palette knife for effect. Older adults learn how to select supplies and equipment, and basic elements of composition. Painting projects, demonstrations, group critiques, and discussions are used to explore two-dimensional artwork.

ART E20, Drawing and Painting

This course provides older adults with a supportive environment for instruction in drawing and painting. Older adults, from beginners to more advanced students, maintain or improve their drawing and/or painting skills in a constructive environment, and learn about space, line, value, and color in a workshop atmosphere.

ART E21, Painting/Drawing, Oil and Acrylic

This course enhances older adults' artistic creativity and painting skills through positive motivation and instruction in oils and acrylic techniques. Older adults learn basic painting techniques, the elements of composition, and how to select and use materials. Painting projects, demonstrations, and group critiques are used to explore two-dimensional artwork.

ART E22, Watercolor

This course allows older adults who have never used watercolors to acquire a strong foundation in watercolor techniques, and provides those students with some watercolor experience with a strongly supportive peer group in which to paint. Older adult students learn watercolor techniques and methods, as well as washes, brush strokes, color, value, and composition.

ART E23, Calligraphy for Older Adults

This course assists older adults in acquiring basic skills in calligraphy to use for personal growth, self expression, or for family and volunteer projects. Older adult students learn the tools and equipment needed to write the beginning calligraphy alphabet, as well as fundamental calligraphy techniques.

ART E24, Calligraphy II

This course expands older adults' knowledge of calligraphy and everyday calligraphic forms to use for personal growth, self expression, or for family and volunteer projects. Older adult students learn the tools and equipment needed to write the calligraphy alphabet, as well as fundamental calligraphy techniques, lettering styles, and display methods.

ART E25, Calligraphy III

This course strengthens older adults' sense of creativity, competence, motor skills, and sense of belonging to a group through the advanced study of calligraphy. Older adult students learn and/or improve their knowledge of complex let-

tering styles and letterforms and create professional-quality projects for personal expression.

ART E30, Watercolor Studio

This course allows older adults who have never used watercolors to acquire a strong foundation in watercolor techniques, and provides those students with some watercolor experience with a strongly supportive peer group in which to paint. Older adult students learn watercolor techniques and methods, as well as washes, textures, color, value, and composition.

ART E40, Color and Design for Older Adults

This course is designed to provide older adults with a supportive environment to explore artistic self expression, as well as opportunities to socialize with other older adults through instruction in design and basic use of color and color mixing.

ART E55, Sculpture

This course introduces older adults to three-dimensional design principles and elements, and helps them create expressive works of sculpture. Older adults learn to appreciate sculpture as a medium of self expression, and use a combination of materials and techniques to create a sculptural form and develop an expressive idea using a variety of materials, including items from everyday life. Students are required to purchase or bring their own materials.

ART E60, Creative Crafts for Older Adults

This course allows older adults to create a variety of decorative arts and crafts projects, including stationary, personal home accessories or decoration, paper, fancy boxes, jewelry, bookends, botanicals, sachets, wreaths, floral candles, bread dough art, wind chimes, and more.

ART E80, Jewelry Making

This course provides older adults with an opportunity to create pieces of jewelry and learn an assortment of different techniques involved in creating jewelry. Students also learn about the wide range of materials available for making jewelry. Older adults make bracelets, earrings, and necklaces using techniques such as wire wrapping and bending, macrame, pearl knotting, crimping, and bead-weaving. Each week students learn a new technique and make a piece of jewelry using that technique.

HME EC E71, Needlecrafts II

This course provides a supportive, stimulating, and creative environment for older adults to create handmade needlework or other fiber arts projects using an assortment of techniques, including knitting, crochet, needlepoint, weaving and macrame. Beginning students will learn basic skills; students with some experience in needlework will learn more advanced techniques.

Automotive Technology

AUTO E00, Auto Care and Repair for Older Adults

This beginning course familiarizes older adults with how an automobile functions and builds their understanding of safety checks and emergency procedures. Older adults learn basic under-the-hood auto maintenance checks, inte-

rior and exterior care, and skills for on-the-road problem solving.

Business & Finance

BUS E00, Planning for Retirement, Healthcare and Estate Planning

For men, women & couples: methods of long range planning for a secure future. Deal with estate planning, retirement and healthcare issues. Legal aspects of wills, trusts and charitable giving by attorney Wes Hicks. Income planning, survivorship, and retirement issues by financial advisor Pat McIlrath. Healthcare, Medicare, and long term care issues by Virginia Hart.

BUS E04, Personal Finance: Estate Planning for Older Adults

This course assists older adults in preparing an estate plan that meets their individualized needs and wishes. This may include some financial management practices, trust investments, and other investment strategies specifically designed for the older adult.

BUS E06, Personal Finance: Advanced Estate Planning for Older Adults

This course assists older adults in managing their finances, understanding their investments, understanding the healthcare and medicare systems, and planning the distribution of their estates. The three-pronged course focuses on the legal aspects of wills, trusts, and charitable giving; income planning, survivorship, and retirement issues; and healthcare, med-care, eldercare, and long-term care issues.

Employment for Seniors - Computer Training

OCC E00, Basic Computer Training (formerly Introduction to Computers)

This course is designed to assist students in accessing the world of computers and technology. Students acquire introductory computer skills, enabling them to interact with colleagues, family and friends and promote self-expression. Students learn about personal computers, improve technical vocabulary, review typing and mouse skills, conduct basic computer maintenance, and learn how to use computer special function keys.

OCC E01, Word Processing

This course assists older adults in acquiring the skills necessary to use word processing software. Older adults learn to create, save, and retrieve documents and gain consumer and personal management skills. The pace of the course is designed to meet the needs of older adults who are at least somewhat familiar with computer technology.

OCC E10, Using Data Files

This course helps older adults understand how to use tables and data files to create mailing labels, financial records for taxes, or work in a volunteer or paid job requiring these and other consumer skills. The course is offered at a pace that helps older adults maximize their knowledge retention and continue learning.

OCC E20, Using the Internet Safely

This course focuses on ways students can better protect themselves in a new technological environment and use the Internet to find valid information. Best practices in virus protection and using e-mail are discussed. In addition, students examine and discuss their computer and internet needs for personal and professional use.

PHOTO E00, Digital Photography I

This course assists older adults in selecting and using digital cameras. Older adults are encouraged to take photographs, keep photographic records, use photography as a means of self-expression, and share their vision and photographic experiences with others.

PHOTO E10, Digital Photography II

This course assists older adults in choosing and using modern technology for keeping photographic records of their family, friends, and travels, and helps them use photography as a means of self-expression. Older adults share their photographic visions with peers and other family members. Some emphasis is placed on documenting students' family histories.

Communications

CIS E01, Word Processing – Beginning

- Prerequisite: None.

Beginners learn word processing, including terminology, software, and processing possibilities. Hands-on experience in popular software applications on an IBM compatible machine. Bring a two-sided, double-density computer disk to class.

CIS E03, Word Processing – Intermediate

- Prerequisite: None.

Continue learning word processing skills including terminology, software, and processing possibilities. Designed for those who have some elementary knowledge of word processing on an IBM compatible machine. Bring a two-sided, double-density computer disk to class.

CIS E05, Advanced Word Processing

- Prerequisite: None.

Continue learning more advanced word processing skills, including terminology, software, and processing possibilities. Designed for those who have knowledge of word processing on an IBM compatible machine. Bring a two-sided, double density computer disk to class.

CIS E10, Using and Creating Data Files

- Prerequisite: None.

Beginners learn about data files, including terminology, software, and processing possibilities. Hands-on experience in a popular software applications on an IBM compatible machine. Bring a two-sided, double-density computer disk to class.

CIS E20, Using the Internet

- Prerequisite: None.

Beginners learn about search engines for browsing the internet, terminology, software, and safety precautions. Hands-on experience in popular software applications on an

IBM compatible machine. Bring a two-sided, double-density computer disk to class for transferring information.

CIS E81, Introduction to the Computer

- Prerequisite: None.

Beginners learn through hands-on experience about using the computer keyboard, learn what a mouse is and how to use it, and the fundamentals of how a computer works. Learn to use a computer safely and comfortably while learning computer terminology. Bring a two-sided, double-density computer disk to class.

English – Writing

ENGL E27, Poetry and Fiction

This course helps older adults explore a wide variety of poetry; in particular, poetry as adventure, confirmation, and renewal. Older adults also employ selected poems as a means to examine their life experiences and discuss these experiences with their peers. This course is designed to refresh older adults' enjoyment and increase their appreciation of poetry as a means of expression, and helps older adults explore poetry in relation to other types of literature, in particular in its use of language and imagery.

ENGL E30, Creative Writing

This course nurtures, revitalizes, and stimulates older adult writers who may already be producing or thinking about producing written material. The course is intended to discover, encourage, and develop untapped writing talent in older adults. It also allows older adults to develop and refine their writing and self expression skills, discuss their writing with peers, and comment on their peers' writing in a respectful and constructive manner. The course is also a forum for older adults to share their creative voices with peers.

ENGL E31, Writing for Publication for Older Adults

This course nurtures, revitalizes, and stimulates older adult writers who may already be producing or thinking about producing written material, and helps them prepare their work for publication through self and peer review and critique. The course is intended to discover, encourage, and develop untapped writing talent in older adults and help them express themselves in ways that might be published. The course is also a forum for older adults to share their creative voices with peers.

ENGL E32, Writing for Fun and Profit for Older Adults

This course helps older adults improve their ability to write in Spanish and learn the skills necessary to communicate through writing. Older adults learn to express their ideas with clarity, coherence, and style and share their creative voices with peers. The course emphasizes the connection between writing in Spanish and Latin culture, and broadens the readership of works created by older adults. The course may also help older adults think about how to publish their material.

ENGL E33, Autobiography

This course helps older adults review and integrate the experiences that have shaped their lives, share memories with peers, and create a record of events for themselves and their families. Through this class older adults achieve a

sense of pride in their accomplishments, improve their writing abilities, and express themselves in writing that can be shared with family, friends, and the public if desired.

ENGL E34, Writing for Publication

This course will be split into three units of focus. The first unit will be spent writing and sharing new pieces of memoir, fiction or poetry. During the second unit, students will prepare their selected piece (or several short ones) for publication in the Emeritus Chronicles journal. Each student will give and receive several rounds of editorial feedback. During the third and last unit of this course, enrolled students will give editorial feedback to writers not enrolled in this class who also submitted pieces to the Emeritus Chronicles. This course will culminate in the assembly of the Emeritus Chronicles which will be published in the spring.

ENGL E35, Workshop in Contemporary Poetry for Older Adults

This course stimulates older adults in developing and refining their poetry writing skills through classroom readings and self and peer reviews and critiques. The course is intended to discover, encourage, and develop untapped poetry writing talent in older adults and allow them to express themselves through poetry. The course is also a forum for older adults to share their creative voices with peers.

ENGL E37, Writing Seminar

This course develops and refines older adults' writing skills in an informal round-table atmosphere through classroom readings and critiques of their own and classmates' writing. The course is intended to discover, encourage, and develop untapped writing talent in older adults and nurture, revitalize, and stimulate older adult writers who may already be expressing themselves through the written word. The course is also a forum for older adults to share their creative voices with peers.

ENGL E81, Skills Review – Conversational English

Older adults will have the opportunity to practice conversational English in small, supportive groups. Students will practice using a variety of phrases and syntax appropriate for use in social and business situations.

Health & Conditioning

HEALTH E09, Body Movement for Older Adults

This course helps older adults of all fitness levels maintain or improve their physical health, muscle strength, coordination, and light cardiovascular conditioning by walking, engaging in strengthening and stretching exercises, and/or using modified Pilates techniques.

HEALTH E10, Movement and Conditioning for Older Adults

This course helps older adults maintain or improve their physical health, muscle strength, coordination, and cardiovascular conditioning by engaging in low-impact aerobic exercises, some strength training, floor exercises, and stretch movements. Older adults will also increase their range of motion and flexibility with a variety of stretches to fun and lively music.

HEALTH E11, Rhythmic Exercise for Older Adults

This course helps older adults maintain and build their strength by exercising and dancing to musical rhythms. The course also provides a supportive space for socialization with other older adults.

HEALTH E14, Body Movement–Modified for Older Adults

This course provides older adults who reside in a communal housing site with an enjoyable, safe exercise program. Older adults learn to maintain or improve their physical health through mild exercise, movement games, modified dances involving music, and rhythmic instruments and props.

HEALTH E21, Yoga Health & Safety, Principles & Practices for Older Adults

This course focuses on the history, principles and practices of yoga. Designed to promote health and safety among older adults, it focuses on yoga principles and practices to enhance the health of older adults through improved flexibility, balance, range of motion, strength, lung capacity and circulation. Some course sections may focus on specific yogic methods. Some sections may include therapeutic applications of yoga to address specific health challenges for older adults. Students will be encouraged to share their physical, mental and emotional challenges in a supportive environment specifically for older adults. These challenges will then be addressed within the coursework. Students will create a Daily Personal Yoga Health Plan integrating their own personal therapeutic yoga applications. Students will be encouraged to practice daily, creating opportunities to rehabilitate challenges. The course is designed to help students to use yoga methods such as postures, breathing techniques, meditation, and visualization to enhance their confidence, health, and overall feeling of well being.

HEALTH E22, Chi Gong Principles & Practices for Older Adults

This course is designed to enhance the health and safety of older adults through use of the principles and techniques of Chi Gong. Based on Chinese philosophy and healing concepts, the course will include the history, theory and practice of Chi Gong, including both the Wu School and Yang Style. Included are such Chinese philosophies as Yin and Yang, the Eight Directions, and Five Element theory and their applications to healthy living. Students work at their own level to improve tone, strength, flexibility and balance. Lectures, films, texts and discussions will explore the theory and practice of this traditional Chinese method for health and healing. Students will analyze which strategies best meet their needs, and create an individual health plan integrating Chi Gong techniques into their daily lives.

HEALTH E23, T'ai Chi Principles & Practices for Older Adults

This course offers an overview of the history, philosophy and techniques of the Chinese energy balancing health practice T'ai Chi Ch'uan. With a focus on enhancing healthy aging for older adults, the course offers strategies for improving balance and posture; increasing flexibility and endurance, reducing stress, and promoting relaxation and mindfulness. The course shows older adults how to avoid injury, conserve energy and use the body in an ergonomic manner. Students will create a personal health plan integrating T'ai Chi principles and techniques into their daily lives.

HEALTH E24, Physical Fitness Principles & Practices for Older Adults

This course focuses on physical fitness and conditioning principles to help older adults maintain or improve their health, safety and independence. It covers basic principles of anatomy and fitness, showing older adults how to improve their cardiovascular health, muscle strength, endurance, flexibility, posture and balance. Principles of good nutrition also will be covered. Students explore movement strategies that are particularly helpful for older adults. Included are proper concepts and methods for warm-ups, stretching, low-impact aerobic activity, cool-downs, strength training and balance work. Students learn how to avoid falls and safely accommodate physical conditions and challenges. Students create a customized personal fitness and conditioning plan to suit their individual needs and physical challenges.

HEALTH E25, Strength & Stamina Training Principles & Practices for Older Adults

This course focuses on how strength training and stamina building strategies help to promote health, safety and vitality in older adults. Principles of basic anatomy and physiology are covered. The course explores how older adults can maintain or improve their health and stamina through strength training using free weights, resistance devices and fitness techniques. The course emphasizes safe ways to start and maintain a program to increase strength, improve stamina and sustain bone density. Principles of good nutrition and stress management are included. Students create a personal fitness and strength training plan based on their individual needs and physical challenges.

HEALTH E30, Personal Safety – Fall Prevention

This course is designed to help students avoid falls, which are the most frequent cause of serious injury in older adults. The course focuses on how, when and where falls frequently occur; how to maintain mobility, and how to improve and recover one's balance. Students will create an individualized activity program to improve balance, endurance, strength and flexibility.

HEALTH E31, The Human Body for Older Adults

This course assists older adults in understanding the major functions of parts of their bodies, preventative measures, as well as how aging can impact their lifestyle.

HEALTH E34, Stress Reduction through Yoga

This course offers older adults a range of strategies and techniques to reduce and manage stress in their lives. It includes stress reduction methods such as positive thinking, breathing exercises, meditation, humor, diet and exercise. The course also helps students establish peer support groups to help maintain their stress reduction skills.

HEALTH E36, Medical Topics for Older Adults

This course assists older adults in understanding the functions and elements of the human body, including what can go wrong, current treatment options, and consumer information on alternative treatments. Older adult students learn about a variety of conditions that affect their population, including those that vary by lifestyle and/or genetic background.

HEALTH E38, Joint Health & Mobility for Older Adults

This course helps older adults with chronic joint pain or mobility problems to attain and maintain physical strength, mobility and flexibility. Older adults with arthritis and/or other minor physical limitations will learn about the function of joints in the human body and techniques to move effectively without joint stress. Students create an individual plan for mobility and physical fitness.

HEALTH E39, Light Joint Maneuver for Older Adults

This course is designed to improve the flexibility and mobility of older adults, increase their activity levels, and lessen their joint pain through exercise. Older adult students focus on maintaining strength, stability, mobility, balance, and flexibility in order to improve their physical and mental well being through safe and therapeutic core strengthening and balance techniques, deep muscle and/or moving stretches, and weight-bearing exercises using balls, blocks, weights, dynabands, and/or straps. Some sections of this course involve moving the body and performing joint exercises to fun and lively music.

HEALTH E47, Tai Chi Chuan

This course helps older adults with chronic joint pain or mobility problems to attain and maintain physical strength, mobility and flexibility. Older adults with arthritis and/or other minor physical limitations will learn about the function of joints in the human body and techniques to move effectively without joint stress. Students create an individual plan for mobility and physical fitness.

HEALTH E48, Stress Reduction through Yoga for Older Adults

This course teaches older adults Iyengar yoga techniques that can be used to maintain or increase their respiratory capacity, physical strength, balance, and flexibility. Older adults will relax their bodies and minds through the practice of Iyengar yoga and meditation.

HEALTH E50, Chinese Life Force Exercise for Older Adults

This course helps older adults increase their strength, flexibility, balance, and circulation by encouraging older adults to concentrate or focus intently on their physical self, thus blocking out the factors that detract from a sense of well-being.

HEALTH E60, Yoga Posture and Conditioning for Older Adults

This course provides older adults with a supportive yoga experience using yoga concepts that most benefit older adults. Yoga movements performed in this class are designed as an alternative to high-impact aerobics, and maintain or improve older adults' flexibility, lung capacity, range of motion, balance, circulation, strength, and ability to relax.

HEALTH E62, Tai Chi Chih for Older Adults

This course helps older adults engage in Tai Chi Chuan exercises to maintain or increase their balance, strength, and flexibility. Exercises are modified to take the special conditions of individual older students into account.

HEALTH E63, Body Conditioning After a Stroke

This course helps older adults who have experienced an acquired brain injury to maintain or improve their mobility

and physical endurance through an individualized program offered in a group setting. Topics include how to cope with the effects of brain injury or stroke and how to restore the student's natural energy and flexibility, through techniques used to regain and maintain physical fitness. Participation in this Pathfinders Program allows older adults to be included in their community and maintain their independence, and helps them to self-advocate and engage in activities that benefit their health. Registration is completed through the SMC Disabled Students Program & Services (DSPS) 310-434-4442.

HEALTH E65, Pool Exercises for Older Adults

This course assists older adults with joint difficulties and other chronic conditions by helping them engage in a zero-impact exercise in water. Older adults learn routines that use the resistance of water to build strength and stamina.

HEALTH E66, Movement, Posture, and Weight Control for Older Adults

This course helps older adults maintain or improve their physical health, weight, muscle strength, coordination, and cardiovascular conditioning through low-impact aerobic exercises as well as some strength training and stretch movements.

HEALTH E67, Comprehensive Conditioning for Older Adults

This course assists older adults in improving their health and cardiovascular performance through low-impact aerobic exercises, some strength training, and stretch movements that increase their range of motion and flexibility and improve their overall sense of wellness.

HEALTH E68, Modified Physical Conditioning for Older Adults

This course helps older adults in long-term care facilities maintain as high a level of mobility and fitness as possible, and to preserve as much independence as possible.

HEALTH E72, Feeling Fit for Older Adults

This course helps older adults build and maintain their strength and socialize with others who have similar goals. Older adults who have not recently engaged in an exercise routine burn calories, build muscle and stamina through exercise routines, and increase strength by using light weights and engaging in resistance techniques. Older adult students may begin with light weights and increase the weights as they build muscle, strengthen bones, and increase stamina.

HEALTH E80, Introduction to SMC Fitness Center

Build your stamina and flexibility at your own pace in this course, especially designed for older adults. Students must attend at least 80% of the sessions. There is a separate section for intermediate students.

Home Economics

CT E00, The Fix-It Class – Repair Almost Anything

This course teaches older adults about household tools, how to make minor or more complex home repairs or maintenance, and how to evaluate proposed repair processes when hiring and paying a repair person. Older adults learn

to repair leaky faucets, fix minor electrical problems, hang almost everything, caulk a bathtub, and so forth. The course is intended to help older adults be knowledgeable, confident, and prudent about home repairs and maintenance.

HME EC E01, Sewing Lab

This course helps older adults learn sewing-based skills, including how to construct clothing, engage in creative sewing projects, use patterns, engage in patchwork or machine quilting, and/or other specialized sewing techniques. Older adults learn economical sewing techniques and socialize with their peers in a supportive and creative environment.

HME EC E40, Consumer Education for Older Adults

This course helps older adults learn about the resources consumers can use to make the best choices about goods and services and provides a space to discuss these resources with their peers. The course covers several topics of interest to older adult consumers, including insurance; older adult services, products, and health issues; and entitlement programs.

HME EC E50, Nutrition Fundamentals for Older Adults

This course assists older adults in making nutritional changes that enhance their quality of life and allow them to maintain a high level of independence. Older adults will learn about food fads, as well as factual information about food additives, mixing herbs and medications, and basic nutritional information. The course provides older adults with a sense of how nutrition can enhance their lifestyles, improve their health, and ease physical changes.

HME EC E52, Restaurant Critic – Dining Wisely: Healthy Eating Choices for Older Adults

This course helps older adults learn how to prepare healthy foods for a small household and how to make cost-effective choices in planning a menu. Older adults work together to create a cookbook or recipe book, share food and recipes with their peers, learn restaurant terms, learn to write a standard recipe, and discuss and write about memories involving food. The course also engages older adults in discussions about food fads and provides factual information on food additives, vitamins, safe food storage, health precautions, and basic nutritional information.

HME EC E70, Needlecrafts I

This course provides a supportive, stimulating, and creative learning environment to allow older adults to create inexpensive knitting projects. Older adults learn and practice knitting and crocheting techniques, including the selection of materials, planning projects, and finishing methods.

HME EC E72, Needlepoint: Beginning for Older Adults

This course provides a supportive learning environment for older adults to learn needlecrafts and create inexpensive and handmade garments or projects for personal or charitable use. Beginning and intermediate students will learn about the materials and stitches needed to complete simple and complex needlepoint projects, including embroidery, hand, and crewel work.

HME EC E74, Creative Stitchery for Older Adults

This course provides a supportive and creative learning environment for older adults to create inexpensive, hand-

made needlework projects. Older adults will learn knitting and crocheting techniques, as well as cabling and blocking.

Human Development

HUMDEV E02, Volunteering Today for Older Adults

This course assists older adults in finding valuable and significant volunteer opportunities in their community. The course also emphasizes ways that older adults can become successful volunteers and how they can make the most of a volunteer association, and provides general information about local volunteer agencies. Older adults can socialize with peers who are also interested in volunteering, and may receive some skills training as part of their preparation for a volunteer activity.

HUMDEV E03, Life Review for Older Adults

This course helps older adults review and discuss their life with peers in order to understand the past more fully, give new meaning to their present life, and validate the lives of older adults through shared experiences. Older adults will discuss major life events, achieve greater insight into their personal history, and share their experiences and thoughts with others.

HUMDEV E06, Enjoy Life – Understanding Our Mind, Body & Brain for Senior Adults

This course familiarizes older adults with the aging process, including physiological, psychological, and sociological aspects. Older adults become more comfortable with changes in themselves and others over time, and learn to celebrate the benefits of a longer life. Older adults also learn new coping strategies and explore issues facing adults of all ages, including conflicts, stereotypes, age, bias, loss, and change.

HUMDEV E10, American Socialization for Older Adults

This course helps older adult Latino/Hispanic immigrants become an integral part of their community. Older adults learn about differences and similarities in the behaviors, processes, and practices in the culture in which they were raised and segments of the surrounding American culture. Older adults also learn about entitlements and social services for seniors, and interact with other older adult immigrants.

HUMDEV E14, Assertiveness Training for Older Adults

This course helps older adults learn effective coping skills to use in a variety of situations that occur in later years, including dealing with health practitioners during health crises, working with different generations during health crises, working with service providers such as repairmen or business representatives, and ensuring equal status as people in other age groups. Older adults learn to communicate their wishes clearly, insist on their right to say “no,” help their peers and others understand their needs, and consider other peoples’ needs and desires.

HUMDEV E21, Life Experience

This course assists older adults in evaluating their lives and starting a positive life review process. Older adults will look back at their accomplishments, failures, and satisfying life experiences, and will share these memories with their peers in a constructive and supportive atmosphere.

HUMDEV E22, Senior Seminar: Through a Jewish Lens – Art, Culture & Entertainment

This course is designed to help older adult students learn about Jewish culture, from the historical backdrop of the 19th Century's worldwide advances, pogroms, and immigrations, to the flowering of Jewish art, culture and entertainment in 20th Century United States and beyond. The course aims to improve older adults outlook on life, stimulate their minds and imaginations, improve peer group interaction and communication, and increase their sense of positive aging and cultural identity with particular attention to Jewish humor and tenacity as survival mechanisms in the face of adversity. Older adults will engage with their peers in a positive and up-lifting manner while learning about the use of art and humor through the last century. They will learn about Jewish theater, literature, film, art and music, and how American culture has flourished as a result of the Jews' contributions. We will discuss: changes in stereotypes such as comedic images of older adults and other subgroups of the community; different types of art, self-expression and humor; and/or popular trends in all aspects of culture and entertainment.

HUMDEV E24, Bereavement Support

This course helps older adults in the resolution of grief and toward a more positive view or reaction to the death of a loved one. The course provides older adults with a variety of alternative methods of dealing with loss in a small group setting. Older adults share their grief with others, receive encouragement and moral support, and learn about the natural grieving process, as well as how to heal and rebuild their lives.

HUMDEV E25, Dealing with Hearing Impairment

This course helps older adults with hearing impairments improve their communication skills and adaptive techniques and increase their levels of sociability and self-confidence. Older adults learn the study of speech, lip reading, body language, and auditory clues.

HUMDEV E27, Exercising the Brain

This course assists older adults in minimizing anxiety when memory behavior patterns change. The ultimate goal of the class is to stimulate thinking and to exercise the brain. Older adults learn the latest information on the causes, symptoms, and treatments of memory loss in older adults, as well as practice skills to enhance memory retention and retrieval.

HUMDEV E28, Communication After a Stroke (Computer Based)

This course helps older adults with aphasia reconstruct their language comprehension and communication skills and gain greater self-confidence in their ability to understand and communicate with others. The course introduces adults with aphasia to a computer software program that can help them improve their language and reading comprehension, memory, verbal reasoning skills, and attention span. The course, which is part of the Pathfinders Program, allows older adults to experiment with language comprehension software before purchasing it for use at home. Registration is completed through the SMC Center for Students with Disabilities, 310-434-4442.

HUMDEV E50, Communication After a Stroke

This course, which is part of the Pathfinders Program, increases, enhances, and maintains the daily speech function of adults who have experienced speech impairments due to acquired brain injury. Older adults learn to cope with the effects of stroke or other brain injury on communication skills, get support from those in similar situations, and guidance from professionals after outpatient therapy is completed. Registration is completed through the SMC Center for Students with Disabilities, 310-434-4442.

HUMDEV E55, BrainFlex

This course helps older adults who have sustained an acquired brain injury maintain or improve their functional cognition through individualized feedback offered in a group setting. Emphasis will be placed on maintenance of skills such as memory, verbal reasoning, and attention span. Participation in this class allows adults to develop compensatory techniques so that they can maintain their independence and safely participate in home and community tasks that promote self-reliance and active decision making.

PSYCH E02, Interpersonal Relationships for Older Adults

This course teaches and instills in older adults communication techniques and skills designed to improve their interactions with family members, friends, and service providers, including adult children, grandchildren, landlords, health professionals, and other significant individuals. Older adults practice new communication techniques and deepen their understanding of themselves, their peers, and other significant people in their lives.

PSYCH E03, Grandparenting

This course helps Latino/Hispanic older adults learn more about the school system in California, how their grandchildren fit into the school system, and ways in which they may help their grandchildren be successful in and out of school. Older adults learn grandparenting skills, with an emphasis on building self-esteem and setting goals. Latino/Hispanic older adults also learn about the developmental stages through which young adult and elementary school children are passing. This course is taught in Spanish in cooperation with the Santa Monica-Malibu Unified School District.

PSYCH E32, Death, Dying, and the Family for Older Adults

This course assists older adults in coping with the death of a close relative or family member; the loss of mobility or deterioration of their physical condition; or the loss of their job or financial status due to a significant change in their life. Older adults share their emotions about life-changing events with their peers and develop coping strategies that help them deal with life transitions in a more comfortable manner.

PSYCH E33, Living as a Single Person

This course assists older adults who are facing a change in their lifestyle because they are now single. Older adults explore topics such as dealing with isolation ageism, depression, eating patterns, and social interactions. The course assists older adults in making the necessary transitions and adjustments to live a happy and successful life as an older single person.

Law

LAW E10, The Law and How to Use It for Older Adults

This course helps older adult students understand areas of law that affect older adults. Older adults learn how the American justice system works and how to use the system or its alternatives when conflicts arise. Specific topics vary from semester to semester and may include: information on dealing with health professionals, landlords, or sales representatives; information about small claims court, mediation, negotiation, arbitration, and/or other methods of resolving conflicts; basic estate planning; wills and trusts; tax law; powers of attorney; elder abuse; and advanced care directives.

Literature

BILING E01, Literature in Spanish

This course helps older adults explore a variety of Spanish literature in the language in which it was written and stimulates their appreciation of the vast literary output of Spain, Latin America, and other Spanish speaking countries. Students may also explore the history and culture of the country in which a literary work was produced, and participate in class discussions in Spanish.

BILING E02, French Literature

This course helps older adults understand and appreciate the vast literary output of France and other French speaking countries, and introduces them to French culture and people. Older adults explore a variety of French literature in the language in which it was written and engage in stimulating discussions with their peers.

BILING E03, Literature from Around the World

This course helps older adults experience and appreciate the vast literary output from non-English speaking countries and discuss that literature with peers in the language in which it was written. Course sections may focus on literature from any non-English speaking country, as long as there are sufficient numbers of interested students and faculty who can teach in that language are available.

ENGL E20, Literature: The Novel

This course, which examines the world's greatest literary works (such as James Joyce's *Ulysses*) is designed to help older adults learn about trends in writing in different societies. Older adults learn about the uniqueness of each age of literature and each author under scrutiny. Various literary themes and the concerns of authors in different historical periods serve as a basis for discussion so that older adults may compare and contrast these topics with current events, modern cultures and sub-cultures, and societal structures and mores. Older adults will also discuss with their peers how these works relate to their own life experiences and accumulated knowledge.

ENGL E22, Short Story

This course is designed for older adults who want to explore literature, such as the works of Milton, Austen, Hawthorne, and T.S. Eliot, as well as short stories from Latin America, America, Europe, and Africa, and discuss it with their peers. This course allows older adults to experience a wide range

of classic and contemporary literature in a social setting and relate that content and emotion to their own personal life experiences.

ENGL E23, Shakespeare

This course allows older adults to study and discuss selected plays by William Shakespeare and his contemporaries with their peers. Older adults will experience or re-experience the emotional and dramatic content in Shakespeare's classic works in light of their current life situations, and discuss the concerns of the human heart from the height of passion to the depths of despair.

ENGL E24, Bible as Literature

This course introduces older adults to a wide variety of interpretations of biblical literature, encouraging students to offer interpretations based on their own knowledge and life experiences.

ENGL E25, Literature: The American Novel

This course assists older adults in analyzing American novels, discussing them with their peers, and renewing their appreciation for this unique form of literature. Older adults learn background and trends in writing in different time periods and regions of America, and discuss how these works relate to their own life experiences and accumulated knowledge.

ENGL E28, Plays and Playwrights

Discover the world of drama. Study theater from a literary viewpoint and learn about plots, characters and the many interpretations through comparative analysis.

ENGL E29, Greek Literature

This course introduces older adults to the world of ancient Greek drama and fosters discussion among peers. Older adults will study Greek theater from a literary viewpoint and learn about plots, characters, and different interpretations through comparative analysis. Older adults will learn how ancient Greek drama is interpreted in modern media and will relate it to their own lives and experiences.

Music - Performing Arts

HUMDEV E17, Senior Seminar – Luisa R.G. Kot Concert Series

This seminar provides a supportive atmosphere for discussions about a variety of topics of interest to older adults. Topics may include philosophy, music, laughter as good medicine, legislation that affects older adults, and others. For example, in a seminar focused on philosophy, older adults might explore philosophical sources and connections between ideas, values, and concepts that are relevant to older adults' life experiences. In a seminar focused on musical performance, older adults might be exposed to different performers, composers, and musicians and engage in stimulating discussions about music, performers' lives, the ways in which music and art can enrich one's life, and so forth. Regardless of the specific topic, this seminar provides a space for older adults to socialize with their peers and validate their life experiences while gaining exposure to mentally stimulating content.

MUSIC E00, Concert Band

This course reinforces older adults' love of performing music in public and provides a structure for them to express themselves and participate in a performance group during their later years. Older adults also experience the physical benefits of deep breathing and head, eye, and ear coordination that result from playing a musical instrument. The course mentally stimulates older adults to concentrate on a wide variety of musical score, memorize parts, and problem solve in front of an audience.

MUSIC E02, Guitar for Older Adults

This course re-stimulates older adults' interest in and knowledge of music played on the guitar and enhances their self-expression through music. Older adults learn basic and some advanced guitar chords, strumming patterns, and finger picks while playing songs from the 1920s, 1930s, 1940s, and 1950s, as well as traditional folk songs.

MUSIC E03, "The Merits" – Vocal Ensemble

This course provides older adults with an opportunity to express themselves musically, perform in community events, gain a sense of belonging to a creative peer group, and continue their life experiences in music. The course also helps older adults improve their vocal performance skills, rehearsal techniques, and general knowledge of music.

MUSIC E04, Voice Training

This course provides a venue for older adults to discover or strengthen their musical creativity, personal vocal skill, performance standards, and self-confidence. Vocal exercises and solo singing. Advanced memorization is stressed.

MUSIC E06, Gospel Community Chorus

This course introduces older adults to gospel music, literature, and singing techniques with the goal of performing throughout the community. The course provides a venue for older adult students to express themselves through gospel music, gain knowledge of the history of gospel music, build or rebuild their self-confidence as soloists or group performers, and interact with a group of creative peers.

MUSIC E10, Spanish Folk Singing

This course provides older adults (primarily those with a working knowledge of the Spanish language) with an opportunity to practice and perform music in Spanish from around the world. Older adult students are introduced to Spanish music, literature, and singing techniques from their own and other cultures, and encouraged to express themselves through Spanish folk songs.

MUSIC E30, Opera Appreciation

This course helps older adults understand and appreciate opera as a music form and provides opportunities for socialization through shared interests. Older adults learn about the creative aspects, history, and development of opera. The course includes operatic experiences, live productions, and other opportunities for mental stimulation and peer group socialization.

MUSIC E32, Music Appreciation

This course helps older adults understand how music can enhance their life experiences by learning more about music styles, composition, performance, and historical periods. Older adults listen to and discuss musical selec-

tions and composers' biographies; expand their musical knowledge and understanding of different types of music, including orchestral, jazz, indigenous, and film music; and explore different aspects of musical performance by comparing different performers' recordings of the same piece.

MUSIC E34, Lyric Chorus

This course provides older adults with a musical growth experience, opportunities to enhance their self-esteem and sense of belonging, and a way to express their creativity and interact with peers. Older adults rehearse and perform three-part arrangements of classics, Broadway hits, and ragtime music, and learn to be positive contributors to the sound, appearance, and artistic personality of a performing chorus while keeping their concentration and lung capacity at a peak.

MUSIC E51, Piano and Theory

This course is intended to enhance the enjoyment of creating music among older adults and enhance their ability to express themselves through music. Older adults learn to play piano music at their own level and pace, and participate in group discussions with peers. Older adults also learn musical skills and concepts and develop their ability to play piano music.

Music Appreciation & History

MUSIC E31, Music Appreciation – Modified for Older Adults

This course stimulates older adults -- many of whom are in residential or convalescent homes -- to rediscover their life experiences, interact with peers, and renew their involvement with music in order to promote mental, emotional, and physical health. Older adult students will discuss and listen to music, focusing on different themes or exploring a particular composer or musical era each week.

MUSIC E33, Art and Music of Western Culture

This course provides older adults with a telescopic look at the development of music in western culture. Older adults learn how musical experiences can continue to enhance and stimulate their lives, and explore the origins and development of western music from major historical periods. Older adults listen to and discuss western music with their peers, learn about musical style, form, and composers, and share ways in which western music has influenced their lives.

Nature Studies

HORT E01, Home Gardening and Plant Growing for Older Adults

This course furthers older adults -- consumer knowledge about home gardening techniques; older adults learn what to buy, what to avoid, and how to get the most pleasure out of home gardening. Older adults also discuss gardening choices and techniques to compensate for difficulties brought on by aging, living in an apartment, or being on a fixed income. In addition, older adults study a wide variety of plants used in homes and gardens around them and learn about plant selection, care, and maintenance. This course

emphasizes hands-on instruction in ornamental and edible gardening techniques, native plants, and water conservation.

HORT E04, Home Gardening and Plants

This course helps older adults select and maintain a small garden or group of plants in an indoor environment. The course is designed especially for older adults in residential or daycare facilities, and helps older adults get the most pleasure out of gardening while socializing with others and using as many life skills as possible.

Political Science

POL SC E00, Current Events

This course increases older adults' understanding of local, national, and international current affairs and how it affects their lives as well as the world around them. Older adults consider the political, economic, and social movements that determine domestic and foreign policies in the United States and around the world.

POL SC E10, Music, Politics and Social Change

This course helps Emeritus students understand how music and culture influences and is influenced by political movements. Emphasis will be placed on listening to the music of various eras in American history and discussing how the music shaped and was shaped by those historical events, and what the impacts of those events are on current American life and politics.

Theater Arts

HUMDEV E15, Theater – History of Comedy

This seminar provides a supportive environment for older adults to discuss with their peers a variety of topics of interest to seniors, including the study of aging, public policy related to older adults, philosophy, literature, music and musicals, or religion. The course is designed to allow older adults to relate any of these topics to their life experiences and socialize with others in similar stages of life. Specific topics may vary from semester to semester and may include the history of comedy, the great American songbook, etc.

TH ART E01, Principles of Acting

This course allows older adults to explore the human condition in historical and contemporary dramatic literature, fairy tales, myths, and legends, satire, and parody. By learning how to analyze and interpret these texts, older adults will be able to craft the characters that inhabit these stories. Through the transformative process of creativity, older adults improve their acting skills and participate in a public performance, which builds self-confidence and self esteem.

TH ART E02, Theater Arts Appreciation

This course expands older adults' knowledge of play production methods and the history of the theater as it relates to current society and the life experiences of older adults. Older adults will learn about theater production from the viewpoint of the director, actor, critic, and viewer.

TH ART E05, Reader's Theater

This course increases older adults' knowledge of how to present dramatic literature and allows them to express themselves by reading scenes, poetry, illuminating literature, or speeches in front of an audience. Older adults also interpret plays and practice acting skills with their peers. This course expands older adults' experience with dramatic literature without requiring perfect recall from memory.

TH ART E20, Improvisation

This course encourages older adults to awaken their childhood by introducing them to the fundamentals of theatre improvisation. Students will joyfully explore essential improvisation performance techniques like spontaneity, creating an environment, character development, and structuring a scene. Build community with classmates through exercises, games, and group activities while having fun developing transferable life skills like quick-thinking, playfulness, imagination, and self-discovery. No improv experience necessary.

TH ART E22, Principles of Illusion: Close-up and Stage

In this performance-based class, students will be expected to learn and perform Close-up and Stage Magic. From card tricks to dinner table gags, the illusions covered in this class are practical, easy, and fun to do. Students will focus on entertaining friends and family while mastering the physical and mental concentration needed to create a successful trick. We will also discuss performance skills and presence on stage.

TH ART E30, Dramatic Interpretation Through Movies

This course helps older adults explore the art, technology, language and appreciation of film from the point of view of the older adult. Older adult students analyze the fundamentals of film production as a means of encouraging mental stimulation and peer socialization. Film examples are shown in class for comparison and discussion.



Special Programs and Support Services



Special Programs

SPECIAL NOTE: Many of the SMC special programs and student support services will be offered online and on-ground. Information in this section is subject to change, so students should visit the relevant website(s) for up-to-date details.

Adelante Program/Latino Center

smc.edu/LatinoCenter

Student Services Center S201

310-434-4459

The Latino Center's Adelante Program is a success-oriented program focusing on academic achievement, transfer, cultural awareness, and personal growth. The program offers courses each semester in various subjects — including English, math, and the social sciences — and courses are structured to include Latino perspectives and contributions to the subject at hand. Adelante courses highlight the Latino culture and experience and emphasize the verbal, written, and critical thinking skills essential to college success. Most Adelante courses transfer to the UC and CSU systems.

To help students stay on track as they work toward their education goals, the Adelante Program offers a support network that includes one-on-one bilingual counseling and opportunities to develop supportive relationships with faculty, staff, and fellow students. Other benefits the program provides include:

- Priority enrollment in Adelante classes;
- Ongoing follow-up and contact with academic counselors and counseling aides;
- Free tutoring in math and English;
- Participation in classes with a large Latino enrollment;
- Being part of a network of Latino students and faculty;
- Experienced faculty interested in promoting Latino student success; and
- Eligibility for specially designated Latino Center Scholarships.

To join the Adelante Program, students must attend an information session and meet with a Latino Center counselor. For more information, students should visit the Adelante Program website or call the Latino Center.

Air Force ROTC

Program Overview

LMU AFROTC Detachment 040

lmu.edu/afrotc

Email: det040@lmu.edu

UCLA AFROTC Detachment 055

afrotc.ucla.edu

Email: afrotc@ucla.edu

afrotc.com

310-338-2770

310-825-1742

Santa Monica College students interested in obtaining a commission as a second lieutenant in the United States Air Force may begin the process by participating in the first two years of the Air Force Reserve Officer Training Corps (AFROTC) program through arrangements with Loyola Marymount University (LMU) and the University of California at Los Angeles (UCLA). Requirements to receive a commission include — but are not limited to — completing AFROTC classes for freshmen and sophomores, transferring

to a four-year college or university, and earning a Bachelor degree.

Academic hours earned in AFROTC classes can usually be counted as elective credit toward graduation.

AFROTC offers a variety of multi-year scholarships, many of which pay full tuition and fees. AFROTC cadets on scholarship also receive a tax-free monthly stipend. For more information, students should visit any of the AFROTC websites listed above, or call or send an email to either of the AFROTC detachments listed.

Black Collegians Umoja Community

smc.edu/blackcollegians

Student Services Center S201

310-434-4232

The Black Collegians Umoja Community is an academic-transfer program that promotes academic excellence and guides African American students and students of African descent through the transfer process. Students are assisted in examining their options for transfer and in completing an education plan that will lead to transferring to the institution of their choice. The program works with students to help them become academically competitive and enable them to set and achieve education goals and understand their personal relationship to the greater community.

Some of the special benefits that students receive from the Black Collegians Umoja Community include a personal counselor who will support and guide students throughout their stay at SMC; a special "College Success" course that will help students strengthen skills to enhance academic success; innovative academic and personal growth forums; tutoring in math; priority registration; a mentor who will advise and direct; access to a network of supportive peers, teachers, and staff members; and scholarships for qualified students. The program also provides special sections of classes with curriculum designed to enhance awareness of the contributions that people of African descent have made to the global society. At the end of each academic year, students are recognized for their scholarly achievement. Students who would like to become involved in the program should see the Black Collegians website.

CalWORKs

smc.edu/calworks

Student Services Center S238

310-434-4082

California Work Opportunities and Responsibilities to Kids (CalWORKs) at Santa Monica College works in collaboration with the Los Angeles County Department of Public Social Services (DPSS) and Greater Avenues to Independence (GAIN) to assist students who receive Temporary Aid for Needy Families (TANF) with services aimed at helping individuals move toward self-sufficiency.

CalWORKs offers:

- Individual academic, career, and transfer counseling;
- Employment assistance, including on-campus work-study assignments, resumé writing, job-search skills, and interview preparation; and
- Coordination with DPSS, including completing county forms, progress reports, educational plans, as well as training verification.

For more information, students should visit our webpage or stop by the CalWORKs office.

CARE (Cooperative Agencies & Resources for Education)

smc.edu/eops

Student Services Center S238

310-434-4268

The Cooperative Agencies & Resources for Education (CARE) program is a state-funded counseling and retention program that offers educational and other support to help low-income EOPS parenting students achieve their education goals.

CARE program services include academic counseling, parenting workshops, and financial assistance for students who are dependents and who are receiving TANF cash aid and attending SMC as full-time students.

For an application or to obtain more information, students should call EOPS or visit the EOPS website.

Career Education (CE)

smc.edu/ce

Career Education (CE) programs at Santa Monica College offer industry-linked programs and services that prepare students for entry-level professional employment opportunities, typically within one to four semesters. The courses are led by educators with extensive expertise in their field, with many CE instructors and trainers also holding active positions outside of SMC.

CE programs leading to Associate degrees, Certificates of Achievement, and Department Certificates are offered in a wide variety of fields, including:

- Business
- Communication and Media Studies
- Computer Science and Information Systems
- Cosmetology
- Design Technology
- Early Childhood Education
- Fashion Design and Merchandising
- Health Sciences
- Kinesiology/Physical Education
- Life Sciences
- Office Technology
- Photography
- Sustainable Technologies
- Theatre Arts

Students who successfully complete a CE program leave SMC with a wide range of knowledge — theoretical, hands-on, applied, and experiential — and a strong relationship with employers. For more information and a detailed list of CE programs and their requirements, students should visit the CE webpage.

Center for Students with Disabilities (also known as DSPS)

smc.edu/disabledstudent

Student Services Center S155

310-434-4265

High Tech Training Center

Student Services Center S159

310-434-4267

Learning Disabilities Program

Student Services Center S370

310-434-4684

Acquired Brain Injury/Pathfinders

310-434-4442

Deaf and Hard of Hearing Services

310-434-4407

The Center for Students with Disabilities ensures that students with disabilities have equal access to all programs and activities on campus. The Center's primary goal is to encourage and promote independence in students so they may achieve their full potential. The Center offers a number of specialized programs to support students with their academic, vocational, and career planning goals.

Academic counselors provide education planning and academic accommodations to students with a variety of disabilities. Students with disabilities who may require accommodations are encouraged to meet with a counselor and become familiar with the services available to them.

The Learning Disabilities Program provides educational assessment, study strategies training, appropriate accommodations, and other support for students with learning disabilities. The High Tech Training Center provides support and accommodations to all students with a disability who may require assistive technology to mitigate their disability-related educational limitations. The Acquired Brain Injury program provides educational opportunities for students by matching their current abilities with appropriate support services and beneficial instruction. The Pathfinders program offers services to students following a stroke. We also accommodate students who are deaf or hard of hearing with a variety of support services such as sign language interpreters, CART/real time captioning, or assistive listening devices.

Various classes offered by the staff of the Center for Students with Disabilities are listed in SMC's Schedule of Classes. Listings under the heading "Counseling – Disabled Student Services" include classes on Roadmap to College Success, Career Planning, Job Search Techniques, Adapted Computer Technology, Social Awareness, and learning and study skills. Listings under the heading "Counseling – Adult Education" include a class for students with acquired brain injuries (Counseling 910, ABI Connections).

The Center for Students with Disabilities assists in determining appropriate academic adjustments for qualified students with disabilities. For more information on how to qualify for services, students should call (310) 434-4265 or send email to dsps@smc.edu.

Community Education and Professional Development

commed.smc.edu

SMC Community Education

Emeritus Campus, Room 410

1227 Second St., Santa Monica

310-434-3400

SMC Community Education meets the lifelong learning needs of the community by providing a choice of dozens of classes each semester to individuals who wish to explore their personal interests or enhance professional skills. Our low-cost, not-for-credit courses respond to the interests of the community, enriching lives through hands-on workshops and lively classes in art, writing, dance, and many other areas. Classes on a wide range of topics are also offered online. More information is available by calling the SMC Community Education office or visiting the Community Education website.

Corsair Intercollegiate Athletics

smc.edu/athletics

Corsair Gym, 2nd Floor

310-434-4311

Santa Monica College has a proud tradition of championship teams and student-athlete alumni who have gone on to successful careers at the four-year college and professional team levels. SMC is a member of the California Community College Commission on Athletics and competes against many local colleges in the Western States Conference. The College sponsors a broad-based athletics program of 8 men's and 10 women's teams that have accumulated 83 Conference and 13 State championship titles. Men's teams include: Basketball, Cross Country, Football, Soccer, Swimming and Diving, Track and Field, Volleyball, and Water Polo. Women's teams include: Basketball, Beach Volleyball, Cross Country, Soccer, Softball, Swimming and Diving, Tennis, Track and Field, Volleyball, and Water Polo.

To enhance athletics and fitness options for students, SMC established the Core Performance Center (CPC), featuring dance and exercise studios, fully equipped workout rooms, showers and dressing rooms, and a climbing wall.

Distance Education/Online Classes

smc.edu/OnlineEd

Student Services Center S355

310-434-3760

Santa Monica College is committed to providing education programs and services to students who are at sites distant from the SMC campus and to students who need to choose alternatives to the fixed schedule, place, program, and structure of traditional classroom-based education.

The Santa Monica College Office of Distance Education offers classes for transfer, certificates, and skill building through a virtual campus at smc.edu/OnlineEd.

Enrollment, registration, payment, academic counseling, books, and library resources are available to students through the main smc.edu website.

For course offerings, technology requirements, admission and registration procedures, student services, and other information, students should visit the main smc.edu website.

Students can access Canvas user guides, explore technical requirements, and take a self-paced tour of the Canvas platform at smc.edu/OnlineEd.

DREAM Program

smc.edu/dream

Student Services Center S238

310-434-4892

Undocumented Student Ally Program

smc.edu/undocually

Student Services Center S238

310-434-4491

The Santa Monica College DREAM Program provides support services to undocumented students. The program works to increase the personal growth, development, and retention of DREAM students through academic, career, and personal counseling; assistance in applying for the California Dream Act/Financial Aid and scholarships; and providing workshops of special interest to undocumented students and their families. Students should email DREAM@smc.edu for more information, or to schedule an appointment with a DREAM counselor.

DREAM also operates SMC's Undocumented Student Ally Program (better known as UndocuAlly), a network of Santa Monica College faculty, staff, managers, and students committed to providing support, education and understanding to SMC's undocumented students. Program participants attend a three-hour training session that includes an overview of the history and policies affecting undocumented students, information about special campus resources, and what it means to be an ally to undocumented students.

DSPS (See Center for Students with Disabilities)

English as a Second Language (ESL)

Credit Program: smc.edu/esl

**Corner of 16th St. & Pearl St.,
Santa Monica**

310-434-4260

Santa Monica College offers four programs for English-language learners:

1. A credit program offering classes in the ESL Department designed to prepare students for the reading, writing, listening, speaking, and study skills needed for college success and career enhancement; (see smc.edu/esl for details).
2. A fee-based intensive English program designed for students who do not meet the TOEFL requirement to enroll in regular college classes (see smc.edu/international for information);
3. A noncredit (adult education) program that offers free noncredit ESL and citizenship preparation classes for adults in the community (call 310-434-3399); and
4. A fee-based ESL program offering workshops, courses, occupational training, and English for special-purpose courses at business and industry sites (see smc.edu/workforcedevelopment for information).

EOPS (Extended Opportunity Program and Services)

smc.edu/eops

Student Services Center S238

310-434-4268

Extended Opportunity Program and Services (EOPS) is a state-funded support program to help students achieve their education goals. EOPS is designed for students who have historically experienced economic and educational disadvantages, and who desire to pursue a degree or certificate program on a full-time basis.

EOPS offers comprehensive support services, including academic counseling; supplemental textbook vouchers; free tutoring; priority enrollment; and student success workshops. Eligibility for EOPS is based on economic guidelines provided by the State of California.

For an application or to obtain more information, students should visit the EOPS website or call the EOPS office.

Food Security Programs

smc.edu/foodsecurity

Access to nutritious food is a challenge for many students at SMC. Santa Monica College has established Bodega — a centralized food pantry — and developed several programs to provide free or low-cost meals to students, and to help

students find affordable and free sources of nutritious food in their community.

For more information, students should visit the website.

Guardian Scholars Program

smc.edu/guardianscholars

Student Services Center S238

310-434-4491

SMC's Guardian Scholars Program aims to expand community support and college and career pathways for foster youth by offering special support services targeted to current and former foster youth, former wards of the court, or probation youth enrolled at Santa Monica College.

Students are eligible to join Guardian Scholars if they are:

1. A current or former foster youth,
2. Between the ages of 18 and 24, and
3. Enrolled in nine (9) or more semester units at SMC.

The benefits of participating in the GSP include:

- Individual academic, transfer, career, and wellness counseling services;
- Assistance with financial aid and the California Chafee Grant;
- Enrollment assistance;
- Textbook assistance;
- Free tutoring and academic support services;
- Access to a variety of academic workshops;
- Referrals to psychological and personal counseling services;
- Referrals to specific community agencies for housing and medical assistance, and for scholarship opportunities;
- Meal assistance;
- Access to Food Pantry; and
- Transportation assistance.

Students should see the Guardian Scholars website for more information about the program.

High School Programs

Concurrent Enrollment:

smc.edu/hsce

310-434-3522

Email: concurrentenrollment@smc.edu

Dual Enrollment:

smc.edu/dualenrollment

High School Counseling Department

Santa Monica College offers two programs that permit high school students to take SMC classes and receive college credit. The **Concurrent Enrollment Program** allows qualifying high school students to apply to SMC and enroll in classes offered at an SMC campus and online. Students planning to participate in this program should send an email requesting information. The **Dual Enrollment Program** offers a selection of college classes that students can attend at their participating local high school. To participate in the Dual Enrollment Program, students should discuss their plans with their high school counselor.

Honors Societies

Santa Monica College has active on-campus chapters of several honors societies, which encourage and offer recognition of outstanding accomplishments and scholastic achievement.

- **Alpha Gamma Sigma:** Membership in Alpha Gamma Sigma is one of the highest honors a student may attain. A student is eligible for initial membership in Alpha Gamma Sigma the semester after achieving a cumulative grade point average (GPA) of at least 3.00 in a program of at least 12 units (exclusive of physical education). All life members of the California Scholarship Federation who graduated with a minimum GPA of 3.50 are eligible for temporary membership their first semester at Santa Monica College. Permanent membership in Alpha Gamma Sigma is restricted to students who have completed at least 60 units, have a cumulative GPA of at least 3.50, and have been a certified member for at least one term, OR who have completed at least 60 units, have a cumulative GPA of at least 3.25, and have been a certified member for at least two terms.
- **Alpha Mu Gamma:** Alpha Mu Gamma is a national honorary foreign language society that encourages interest and scholarship in foreign languages and promotes international communication, enlightenment, and sympathetic understanding of other peoples and cultures. Membership requirements are a grade of A (4.0) during two unrepeated semesters of studying the same language and an overall grade point average of 2.0 or higher in two semesters of college-level courses. Candidates from countries where English is a foreign language may meet membership requirements in their native language by submitting transcripts showing the classes they completed in secondary school in their homeland and achieving an overall grade point average of 2.0 or higher in one semester of college-level courses in the United States.
- **Phi Theta Kappa:** Phi Theta Kappa was chartered at SMC in fall 2001 to recognize and encourage scholarship among students at two-year colleges. To achieve this purpose, Phi Theta Kappa provides opportunities for: leadership development, scholarship, service, an intellectual climate that fosters the exchange of ideas and ideals, lively fellowship for scholars, and stimulating interest in continuing academic excellence. An invitation to membership in Phi Theta Kappa is extended to full-time students who achieve a 3.0 grade point average.
- **Psi Beta:** Psi Beta is a national honors society that encourages professional development, psychological literacy, and dedication to the field of psychology among students in two-year colleges. Membership requirements include a grade of B (3.0) or higher in a college psychology class and a cumulative grade point average of 3.25 or higher after completing 12 units of college coursework. See psibeta.org or send email to psychsmc@gmail.com for additional details.
- **Sigma Chi Eta:** To encourage community college students to explore options in the field of communication, including transfer to four-year

colleges or universities or entry into the workforce, the National Communication Association (NCA) established the honors society Sigma Chi Eta. Membership requirements include completing 12 units of college coursework with a grade point average (GPA) of 3.0 or higher in all courses taken, and completing at least 9 units of communication studies coursework with a minimum GPA of 3.25 for all communication studies courses. See natcom.org or send email to inbox@natcom.org for additional details.

International Education Center (IEC)

smc.edu/international

Student Services Center S332

310-434-4217

Email: intled@smc.edu

SMC's International Education Center provides a wide range of services to more than 2,000 students who come from more than 90 nations around the world to attend Santa Monica College. Services include:

- Assistance with nonimmigration F-1 student status;
- Academic counseling and orientation;
- Assistance in applying to, enrolling in, and selecting appropriate courses at Santa Monica College;
- Preparation for transfer from Santa Monica College to a four-year college or university; and
- Not-for-credit Intensive English Program;
- Assistance in housing; and
- Social events on the SMC campus.

The International Education Center includes International Admissions; the Office of the Dean, International Education; International Programs; and the International Education Counseling Center.

International Admissions is responsible for processing all international student applications, registration, and nonimmigration matters.

The Office of the Dean, International Education, oversees international programs and the recruitment, admission, counseling, and retention of international students.

International Programs oversees special international programs, the Intensive English Program, Study Abroad Programs, and Special Programs.

International Education Counseling Center

The International Education Counseling Center (310-434-4218) offers academic advising and counseling for new and continuing international students. This office also assists international students with housing information, including an up-to-date bulletin of housing options. Counselors are available to assist students with their SMC requirements, academic issues, and information on transferring to other colleges or universities. Students can seek assistance from a counselor throughout the year on a walk-in basis. At selected times of the academic year, students may also make an appointment to meet with a counselor.

Intensive English Program

The Intensive English Program provides 20 hours per week of not-for-credit content-based English instruction in reading, writing, and speaking at the beginning, intermediate,

and advanced levels. The Intensive English Program is designed to prepare students to enter the undergraduate program by improving their English proficiency through extensive reading, writing, listening, and speaking classes.

Study Abroad Program

The International Education Center is also home to SMC's study abroad programs (see Study Abroad Programs, below, for details). The faculty-led programs — offered at various times of year — are designed to immerse students in an exciting and engaging academic program abroad while they earn SMC credit, further their own intercultural awareness, and foster a more global perspective. Interested students should send email to studyabroad@smc.edu or visit smc.edu/studyabroad for information about these exciting programs.

For more information about the International Education Center or any of its programs — including the Intensive English Program — students should see the IEC website or call the International Education Center.

Internship Program

smc.edu/internship

Student Services Center S110

310-434-4337

The Internship Program at Santa Monica College makes it possible for students to enhance their classroom learning by working in on- and off-campus internships/jobs, and earn college credit for their work experience. The program is a joint effort of SMC and the community to give students the chance to acquire the knowledge, skills, and attitudes necessary to progress in their careers by combining work-based learning and experience with classroom instruction. To qualify, a student must be considered "continuing" from the previous semester. A continuing student is one who completed at least six units the previous spring or fall semester.

Internship-related courses are offered on a pass/no pass basis. SMC students may enroll in internship courses for a maximum of 4 (four) units per semester. Up to 8 (eight) units of internship credit may be applied as elective credit toward a certificate or an Associate degree. Students earn credit based on the number of hours of work experience. Each unit of credit requires a student to work a minimum of 60 hours of unpaid (volunteer) work per semester or 75 hours of paid work throughout the semester.

SMC's Career Services Center hosts internship fairs throughout the year, offering students the opportunity to meet potential employers and ask questions about the internships being offered. Students should visit the Internship website (smc.edu/internship) to find out when the next internship fair will be held.

For further information, students should call the Internship Program office or visit the Internship Program website.

Latino Center

smc.edu/LatinoCenter

Student Services Center S201

310-434-4459

The Latino Center promotes student success by providing a support network of comprehensive bilingual services, including:

- Academic, career, and personal counseling;
- Education planning;

- Free tutoring in math and English;
- Financial aid and scholarship information; and
- Transfer planning.

The Latino Center offers the Adelante Program, an academic support program that assists students in meeting their transfer goals and promotes student success. See Adelante Program, above, for details.

All students are encouraged to visit the Latino Center website and explore what it has to offer.

Noncredit (Adult Education) Initiatives/Programs

smc.edu/noncredit

Bundy Campus, Room 112

3171 S. Bundy Dr., Los Angeles

310-434-3399

Email: noncreditregistration@smc.edu

SMC Noncredit (Adult Education) Initiatives/Programs offers free noncredit certificate programs and courses, along with student support services to adult learners in the areas of:

- Short-term vocational and workforce preparation courses and certificates for students seeking entry-level employment.
- English as a second language (ESL) courses for individuals who wish to develop their English reading, writing, and conversational skills before gaining employment or entering college programs that earn credit; and
- Citizenship preparation classes for adults seeking US citizenship.

The free short-term vocational certificates can be earned in as little as one semester, and the free noncredit ESL and citizenship preparation classes are repeatable and have open entry/open exit enrollment, giving students the freedom and flexibility they need.

Noncredit Program Counseling

Noncredit Program Counseling services include dedicated counselors on the Bundy Campus to assist students with questions regarding ESL assessment, career readiness, financial aid, and educational planning, as well as services to help students transition to credit programs and the workforce (building resumes, preparing for interviews, or finding volunteer/job opportunities). The program also partners with community resources to assist students with their educational and workforce pursuits.

Online Programs

smc.edu/online

Santa Monica College is committed to providing educational programs, degrees, and certificates to students who are at sites away from the SMC campus and to students who need to choose alternatives to the fixed schedule, place, program, and structure of traditional classroom-based education. For details, students should visit smc.edu/online.

Peer Navigator Program

smc.edu/peernavigators

Student Services Center S145

Email: peernavigator@smc.edu

The Peer Navigator Program — a students-helping-students program — connects first-year SMC students with student leaders trained to provide one-on-one support and direction in navigating college and making the most of the SMC experience.

Peer Navigators are knowledgeable about SMC and offer guidance, listen to a student's concerns and experiences, suggest resources, and answer questions. Through mentoring, frequent communication, workshops, and social and educational events, Peer Navigators serve as mentors, allies, and advocates to help students build positive relationships and enhance their college experience beyond the classroom.

More information is available on the website or by sending email. To be connected to a Peer Navigator, students should visit the website and fill out a Peer Navigator Request Form.

Pico Partnership Program

smc.edu/picopartnership

Student Services Center S238

310-434-4926

The Pico Partnership Program is a collaboration between Santa Monica College and the City of Santa Monica. The program meets the needs of the underserved, under-represented youth who live in close proximity to the College. Pico Partnership motivates and assists young adults to attend SMC and work toward their career and education goals. Each student in the program works one-on-one with a counselor. The program provides students with the following services:

- Early enrollment;
- Academic and transfer counseling;
- Assistance with financial aid;
- Textbook vouchers;
- Wellness counseling; and
- Career counseling.

Students are eligible to participate in Pico Partnership if they are 17 to 24 years of age, formerly attended Santa Monica High School or Olympic High School, demonstrate financial need, and have a strong desire to refocus their lives with a positive outlook on their future. Program participants are encouraged to serve as role models for other young adults, inviting them to consider the opportunities and benefits that a college education can offer. To find out how to join the program, students should see the Pico Partnership website.

RISING Program

smc.edu/rising

Student Services Center S238

Email: rising@smc.edu

The RISING Program is committed to empowering students with the successful transition into college after incarceration. RISING supports the enrollment, retention, graduation, and transfer of system-impacted and formerly incarcerated students, and aims to support their academic, social, and emotional wellbeing by providing services that are focused on access, equity, and inclusion.

Santa Monica College Promise Program (SMC Promise)

smc.edu/freetuition

Student Services Center S110

310-434-8101

The Santa Monica College Promise program offers free enrollment and other benefits to California residents who graduated from high school in 2022, have submitted a FAFSA or California Dream Act application, and are headed to SMC in fall 2022 or spring 2023 as first-year, full-time students (12 or more units). SMC Promise helps cover:

- Enrollment fees;
- Health Services fee;
- Student Benefits fee, which supports access to technology, transportation options (including rides at no extra cost on all Big Blue Bus and Metro buses and trains, and a selection of rideshare and bike programs), and the LiveSafe app;
- Student Representation fee; and
- Associated Students Resource fee, which funds programs and initiatives such as clubs, basic needs, student government, academic support, sustainability efforts, and other campus activities.

SMC Promise also offers significant textbook vouchers and other benefits to qualifying students.

Scholars Program

smc.edu/scholars

Student Services Center S221

310-434-4371

Email: scholars@smc.edu

The Scholars Program is a distinctive academic community within the larger Santa Monica College campus. The program aims to prepare students — particularly first-year students, first-generation college students, students from underserved schools and communities, and non-traditional students — for transfer to the colleges and universities of their choice. Scholars' students are a talented group of highly motivated individuals whose goals demand specialized and intense academic preparation and study.

Through special transfer agreements with top four-year colleges and universities, Scholars students get priority consideration for admission to the following campuses: The UCLA College (formerly College of Letters and Science) TAP, UC Irvine, Loyola Marymount University (LMU), Chapman University, and many others.

The Scholars Program philosophy is to promote mastery of subject matter demonstrated through writing, exposure to research, critical thinking, and analysis. Scholars courses are taught by faculty who are highly recommended by their respective departments and their students. The Scholars Program coursework provides students with the educational background essential to university-level work.

SMC Emeritus/Noncredit Older Adult Program

smc.edu/emeritus

1227 Second St., Santa Monica

310-434-4306

Email: emeritus@smc.edu, silverman_scott@smc.edu

SMC Emeritus is a unique noncredit program at Santa Monica College for adults age 55 and up. Established in

1975, the model program's curriculum includes courses designed to serve the interests and needs of adults who are now in or preparing for retirement, those dedicated to lifelong learning, and those seeking continued personal growth through creative use of their time. SMC Emeritus classes — except during the COVID-19 pandemic, when all classes are online — are offered primarily during the day at the SMC Emeritus Campus near the popular Third Street Promenade, and throughout the community — including Malibu — in easily accessible locations. There are no fees for the noncredit courses. Registration and enrollment are by mail, walk-in, or Internet. Registration forms are included in the SMC Emeritus schedule of classes and may also be downloaded from the SMC Emeritus website. SMC Emeritus also operates an art gallery (smc.edu/emeritusgallery) and hosts opening receptions for its exhibitions of works by students and members of the community. More information is available by calling the SMC Emeritus office or visiting the Emeritus website.

STEM/MAS Program

smc.edu/stem

Drescher Hall 301

310-434-3988

Email: stem@smc.edu

Santa Monica College's STEM Initiatives foster the student skills necessary to excel in science, technology, engineering, and math courses. The Maximizing Achievement in STEM (MAS) program is an academic support program designed to help traditionally under-represented students who are interested in STEM careers complete their studies successfully at SMC, transfer to a four-year research-oriented baccalaureate program, and enter the STEM workforce.

Any student interested in STEM can take advantage of the following STEM-focused services and activities:

- Supplemental instruction (SI);
- Peer tutoring and coaching;
- Wellness therapist;
- Transfer and career counseling;
- Faculty-led workshops and events;
- Internship and research opportunities;
- Specialized STEM courses;
- STEM Cool Careers Panels, STEM Days on the Quad, and STEM student clubs.

STEM students are encouraged to apply to the STEM/MAS Program. For more information, students should see the STEM/MAS Program webpage or call the office.

Study Abroad Programs

smc.edu/studyabroad

International Education Center

Student Services Center S332

310-434-4342

Santa Monica College is committed to promoting global citizenship. To support that goal, SMC's International Education Center offers several Study Abroad opportunities led by SMC faculty members. Tailored to make the most of a destination's resources, the Study Abroad programs take students to another country and immerse them in an exciting and engaging learning program. Each program gives students the opportunity to earn SMC credit as they

expand their own intercultural awareness and foster a more global experience. Students who successfully complete a minimum of three semester units while attending a Study Abroad program will fulfill SMC's Global Citizenship graduation requirement for the Associate degree. Students should see the International Education Center or call the office for details.

Supplemental Instruction (SI) Program

smc.edu/si

Drescher Hall 302

310-434-4121

The Supplemental Instruction (SI) Program provides academic assistance through free out-of-class sessions for SMC students enrolled in specific courses. During SI sessions, SI leaders present interactive group activities that engage students to help them learn course concepts, prepare for exams, and develop effective study skills. The sessions are voluntary, and help students develop a better understanding of course content, as well as more effective ways of studying.

SI also offers peer-facilitated study sessions led by students who have successfully taken the course, and are prepared to share what they have learned about how to study the material. Students engage in interactive study groups, discuss course content, learn and integrate study skills, participate in learning activities, and take mock exams.

PLEASE NOTE: SI sessions are NOT tutoring sessions like the ones offered at various on-campus tutoring labs, and SI leaders do NOT tutor or assist students with homework problems.

Students should see the SI website for details.

Sustainability Center

smc.edu/sustainabilitycenter

1744 Pearl St., Santa Monica

310-434-3909

The Sustainability Center was established to provide SMC students and faculty with a space to facilitate meaningful exploration of key environmental and urban issues and solutions. The facility is a living laboratory for sustainability, featuring many innovative green building materials and practices. The Center provides ecotours, a library for books and videos, a library for seeds, useful sustainability resources, demonstration gardens, and a variety of other services and activities related to environmental and urban studies.

Students interested in obtaining environmental degrees, taking environmental courses, or building their transfer applications and resumes through applied learning opportunities are encouraged to visit the Sustainability Center and find out more about sustainability at SMC. The Center also provides internships and Federal Work-Study student staff positions focused on environmental research and advocacy.

The Sustainability Center is home to student environmental clubs and committees working on campus sustainability initiatives and research. From time to time, the Center also sponsors talks, which are free and open to the public, and offer the opportunity to meet and engage in dialogue with experts in the field.

The Sustainability Center is also headquarters for Sustainable Works (sustainableworks.org), a nonprofit offering special programs that show individuals and businesses how they

can adopt sustainable practices that improve quality of life, reduce impacts on the environment, and decrease costs.

For more information, students should see the Sustainability Center website.

Teacher Academy at SMC

smc.edu/ece

Bundy Campus, 3rd Floor

3171 S. Bundy Dr., Los Angeles

310-434-8109

The Teacher Academy at Santa Monica College — a program of the SMC Education/Early Childhood Department — is a campus community for prospective educators of children from birth through 12th grade. The Teacher Academy was started in 1994 to foster a growing pool of future educators by offering courses, hands-on fieldwork experiences, mentorships, and a wide variety of support services and grants to help our students succeed as quality professionals in education.

Our program offers options for professional early childhood education certification — including Transitional Kindergarten (TK) Teacher certification — as well as professional development and transfer to four-year institutions to complete a PK-12 teacher credential. All options are designed to prepare students to work with linguistically and culturally diverse groups of children and families in schools, centers, and homes. Courses are offered during the day, in the evening, on weekends, and online.

To find out more about the Teacher Academy and its offerings, students should visit our website or give us a call.

Veterans Success Center (VSC)

smc.edu/vet

Cayton Center, Lower Level, Room 006

310-434-8205

SMC's Veterans Success Center provides support to a student's transition from the military to college. The VSC offers a place where student veterans and their families can be supported and build community. Through the VSC, veterans have access to academic, career, and transfer counseling, as well as financial aid, tutoring, mental health counseling, and other services that help students achieve their education goals. A free textbook-lending library, study pods, computer lab, tutoring room, and a lounge are also available to all student veterans and their family members.

All Veterans Affairs paperwork for students receiving benefits under Chapters 33 and 35 of the GI Bill® is also processed through the Veterans Success Center. [GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA).] More information about education benefits offered by the VA is available at the official U.S. government website at benefits.va.gov/gibill.

For more information, students should visit the Veterans Success Center website or drop by the VSC.

Workforce & Economic Development (W&ED)

smc.edu/workforcedevelopment

Bundy Campus, Room 417

3171 S. Bundy Dr., Los Angeles

310-434-4199

Santa Monica College's Office of Workforce & Economic Development (W&ED) works with government funding sources to consolidate, coordinate, and improve employment, training, and literacy throughout our community by

developing programs for students and business and industry professionals to further their education and advance their careers.

W&ED understands that the growing pressure from international competition, the rapid change of technology, and the competitive position of the Los Angeles region and the state of California in the global marketplace are largely dependent on a highly skilled workforce. W&ED, as a department in a premier educational institution, knows its role in the development of a workforce that attracts new business to the region and supports the growth of existing business and emerging industries.

W&ED also has a commitment to provide Career Education (CE) programs that prepare students to enter or advance in their careers. W&ED manages a variety of grants providing support to SMC's Career Education faculty and programs. W&ED also helps support pathway development efforts by collaborating with K-12 partners to create robust Career Education pathways that provide career exploration and dual/concurrent enrollment opportunities to high school students.

SMC's Workforce and Economic Development Office offers a variety of services and training programs for area employers and residents. W&ED designs customized programs to help develop the skilled workforce that the region needs to increase its economic growth and compete successfully in today's global market.

The W&ED website offers useful tools to help students with their career goals. Students interested in Career Education (CE) will find resources they can download. One resource is Career Coach, which provides the opportunity to learn about employment prospects in the field, job opportunities, income potential, related degrees, and the education and training available at Santa Monica College.

Support Services

Art Galleries (See SMC Pete and Susan Barrett Art Gallery, SMC Emeritus/Noncredit Older Adult Program)

Associated Students (See Office of Student Life and the Associated Students)

Athletics Counseling

smc.edu/athletics

Corsair Gym, 2nd Floor, Room 215 310-434-4311

Santa Monica College provides an excellent environment for students to begin their journey into higher education and compete at a high level in a chosen sport. SMC offers a variety of support programs for athletic pursuits, including special counseling for athletes interested in pursuing careers in athletics. The SMC coaching staff, academic counselors, and administration are committed to assisting student athletes to excel both in the classroom and on the field of play.

Basic Needs Resources

smc.edu/basicneeds

310-434-3100

Email: foodsecurity@smc.edu

SMC's Basic Needs Resources provide support to students in their daily life as they move toward their education goals.

Students' basic needs include access to nutritious and sufficient food; safe, secure, and adequate housing — to sleep, to study, to cook, and to shower; healthcare to promote sustained mental and physical wellbeing; affordable technology and transportation; resources for personal hygiene; and childcare and related support.

Basic Needs counselors can help connect students to on- and off-campus resources to meet their basic needs for:

- Food security,
- Housing security, and
- Mental health and wellness.

Basic Needs counselors can also assist students with Cal Fresh. Students can make an appointment by sending an email to foodsecurity@smc.edu or completing an online application at getcalfresh.org.

Students should visit the Basic Needs Resources website or send an email to foodsecurity@smc.edu for more information.

Bookstore (See Campus Store)

Campus Police Services

smc.edu/police

1718 Pearl St., Santa Monica 310-434-4608

Emergency, After Hours, & Weekends 310-434-4300

SMC maintains a Campus Police Department with personnel available 24 hours a day to help keep SMC's campuses safe and secure.

To report an emergency or criminal activities on or near the campus, dial 4300 or 911 on the emergency telephones located throughout the campus and parking structures, or call 310-434-4300 from a cellphone or off-campus telephone. The **SMC LiveSafe App** (download to your phone from the Apple App Store or Google Play) allows you to receive emergency notifications, communicate via text to report a variety of incidents, utilize the SafeWalk feature to have a friend watch you walk to your destination, or log on to find the many resources that SMC has to offer.

The Campus Police Department patrols each of the SMC campuses and provides students and staff with a number of services, including:

- Preparing and investigating crime and incident reports;
- Operating the campus "lost and found" service; and
- Providing student and staff escort services.

The Campus Police Department offers LiveScan Fingerprinting — by appointment only — Monday, Tuesday, Thursday, and Friday from 11 a.m. to noon and 2 p.m. to 3 p.m. Appointments may be scheduled by calling (310) 434-4608. The fingerprinting must be associated with an SMC activity.

Please call the SMCPD office for general information and NON-emergency police services. Office hours are Monday through Friday 7 a.m. to 6 p.m. (subject to change without notice).

Campus Store

bookstore.smc.edu

Email: bookstore@smc.edu

Main (next to Student Center)	310-434-4258
Airport Arts 123A	310-434-4637
Bundy (next to main entrance)	310-434-3480
Center for Media and Design (CMD)	310-434-3750
Performing Arts Center 105	310-434-3482

The SMC Campus Store sells new and used textbooks, school and office supplies, campus sweat- and T-shirts, and art materials. The Campus Store also stocks class schedules and the SMC catalog (which is updated annually).

The Campus Store provides the International Standard Book Number (ISBN), retail price, and/or other information (subject to change) about the required or recommended textbooks and supplemental materials for each course offered at SMC. Students should go to bookstore.smc.edu and click on “Textbooks” for details. Students can browse through a catalog of items or search for a specific title, make purchases and rent textbooks on the spot, and have their order shipped directly to their home.

Students with disabilities may find some areas of the Campus Store inaccessible, and should request assistance if needed. A current booklist for classes is available through the Center for Students with Disabilities.

For up-to-date details on SMC Campus Store hours, refund and buyback policies, or other information, students should visit the Campus Store’s webpage or call.

Career Services Center

smc.edu/careercenter

smc.edu/hiresmc

Student Services Center S110 **310-434-4337**

The Career Services Center provides SMC students with a single, conveniently located source for career exploration, including choosing a college major and a career pathway through SMC’s Areas of Interest, internships, and employment advisement in finding on- and off-campus jobs.

To help students plan their careers, the Career Services Center offers a special eight-week class (Counseling 12, Exploring Careers and College Majors) that provides an opportunity for students to explore their interests, identify and clarify their core values, evaluate their skills, and learn how their personalities contribute to career choice.

To help students learn how to be successful at work, the Career Services Center offers an eight-week class (Counseling 16, Job Success Skills) that teaches the skills necessary for new employees to survive the initial months on the job, adapt to the company culture, and succeed in remaining employed.

The Career Services Center operates SMC’s Internship Program (see Internship Program, above, for details), which helps students find opportunities for internships and cooperative work experience in jobs related to their field of study. To find out about participating in SMC’s Internship Program, students should call the Career Services Center, or visit the Internship Program’s website (smc.edu/internship).

The Career Services Center offers:

- Access to choices360.com, an online career-exploration program;
- Workshops on career exploration, resume writing, interview techniques, how to get the most out of a job, and other pre- and post-employment issues;
- Hundreds of job listings, available online at smc.edu/hiresmc; and
- Job search assistance.

The Career Services Center also offers individual career counseling by appointment. For more information, passwords to our online programs, or to make an appointment, students should visit the Career Services Center website or call the office.

Center for Wellness & Wellbeing

smc.edu/wellness

Math Complex 75 **310-434-4503, 800-691-6003**

SMC’s Center for Wellness & Wellbeing offers short-term personal counseling to currently enrolled students who have paid the Health Services fee. Personal concerns sometimes interfere with study and concentration. These concerns may be feelings of anxiety, depression, or lack of self-confidence; interpersonal problems with family or friends; life stresses such as leaving home, death of a loved one, mid-life transitions; or other problems such as alcohol or drug use, eating habits, sexual issues, etc.

Licensed psychologists and interns/trainees help students resolve these problems or help them find appropriate resources in the community.

Topic-oriented workshops (e.g., Test Anxiety, Stress Management) are also offered to students.

For in-the-moment mental health support, students can call 800-691-6003, the 24/7 emotional support line. For an appointment to seek individual psychological services, or to find out about upcoming workshops, students should call the Center for Wellness & Wellbeing.

Child Care Services

smc.edu/childcareservices

Bundy Campus, Room 317

3171 S. Bundy Dr., Los Angeles **310-434-8280**

Email: lopez_jeanette@smc.edu

Santa Monica College offers several child care options — including FREE child care through the CCAMPIS program — for students while they attend SMC. SMC students with child care needs should see the Child Care Services website (smc.edu/childcareservices) or email CCAMPIS Project Manager Jeanette Lopez at lopez_jeanette@smc.edu for more information.

Associated Students Child Care Fund

Single parents who have financial need, a minimum 6-unit enrollment, a minimum 2.0 GPA, and a child under 10 years of age — AND who are NOT receiving subsidized child care — may qualify to receive up to \$400 monthly toward their child care expenses.

Santa Monica Early Childhood Lab School

Santa Monica College and the City of Santa Monica partnered to build the innovative Early Childhood Lab School. The Lab School will grow to serve up to 110 children annu-

ally, and give teachers in-training in SMC's Education and Early Childhood programs the hands-on experience they need to develop crucial expertise under the guidance of leading education professionals. Located at the corner of 4th Street and Civic Center Drive in Santa Monica, the Lab School is being operated by the nonprofit child-development center Growing Place. Information on Lab School developments is available at smc.edu/labschool.

Computer Labs and Services

smc.edu/computerlabs

Santa Monica College has many computer-based services and on-campus computer labs for students. On-campus wireless access to the Internet is available at various indoor and outdoor areas on SMC's various campuses to all currently enrolled students with an SMC computer lab account and a correctly configured computing device.

Every SMC student receives a free college email account that offers a permanent email address (as long as Google is the service provider). **IMPORTANT: THIS EMAIL ADDRESS IS WHERE SANTA MONICA COLLEGE WILL SEND ALL OFFICIAL COMMUNICATIONS FROM THE COLLEGE TO A STUDENT.** To access communications from the College, a student can use any electronic device with Internet access. Students also have available various other Google services, including online storage space for documents. Students are strongly urged to read the Google Privacy Policy (smc.edu/google) before using the service.

Students using any SMC computer services are expected to abide by SMC's Responsible Computer Use Policy (see smc.edu/computer_policy for details). On-campus computers may be restricted to College-related work at any time. All files **MUST** be saved to either student-selected online storage services or onto student-provided removable media such as USB flash drives. Any files not saved properly are subject to loss, and the College is **NOT** responsible for any work lost while using College computer labs or services.

The following computer labs are open to ALL CURRENTLY ENROLLED students:

- The SMC Library Computer Commons (downstairs, near the Reference Desk, 1st Floor North) — Computers and wired and wireless network connections are available to access a variety of information resources, (310-434-4254); and
- The Bundy Learning Resource Center (LRC) — Bundy Campus, 3171 S. Bundy Dr., Room 116 (310-434-3440).

An additional computer lab is open to currently enrolled students WITH A VALID ASSOCIATED STUDENTS ACTIVITIES STICKER:

- The Cayton Associated Students Computer Lab — Cayton Center 209 (above the cafeteria) (310-434-4615).

The following computer labs, primarily for students enrolled in specific classes, make their equipment and software available to all enrolled SMC students, but **ONLY** at times when the labs are not in use for instruction or tutoring purposes (check with the lab for available hours):

- The Computer Science and Information Systems (CSIS) Lab — Business 231 (310-434-4783); and

- The Library Computer Lab — SMC Library (2nd Floor North) (310-434-4254).

SMC has more than 700 computers in specialized computer labs restricted to special programs or to students enrolled in specific classes. Special programs include those offered by SMC's Center for Students with Disabilities, SMC Emeritus program for older adults, and various counseling centers. Specialized labs are available to students enrolled in specific courses in many academic disciplines, including art, computer science, graphic design, earth sciences, English and other languages, entertainment technology, fashion design, life sciences, math, music, photography, and physical sciences.

Corsair Newspaper

thecorsaironline.com

Center for Media and Design 130

310-434-4340

The Corsair, Santa Monica College's student-run newspaper, has a print edition published every Wednesday during the Fall and Spring semesters, as well as an online news site. The newspaper and its online edition have won numerous national, state, and local awards for writing, photography, graphic design, multimedia, and online content.

The Corsair welcomes all students to help create the newspaper, which is a lifeline of news and entertainment for the entire College community. Each week, students choose what news and issues to cover. Experience on the Corsair can lead to internships with major media companies.

Students who enroll in Journalism 16 become the staff that produces the print and online editions of the Corsair. Students in Journalism 22/Photo 14 become the photo staff of the paper. The Corsair staff also produces multimedia content such as videos for the online site, and manages all Corsair social media accounts. Students should note that it is recommended, but not required, that writers and editors first take Journalism 1 or Journalism 8, and that photographers take Photo 1 and Journalism 21/Photo 13 to prepare for the newspaper production classes.

Students whose schedules do not permit taking the staff classes can become Corsair "contributors." They will take on assignments or create their own in collaboration with Corsair editors, and will receive bylines and photo credits, but will not receive any units of credit for their efforts.

Students interested in working on the Corsair may contact one of the above professors or come into the Corsair office to meet the editors and learn more about the Corsair.

Counseling & Transfer Services

smc.edu/generalcounseling

Student Services Center S256

310-434-4210

Comprehensive academic and transfer counseling services are available to all Santa Monica College students in General Counseling & Transfer Services. (Note: Career counseling services are available in the Career Services Center.) Highly trained and experienced counselors are available to assist students with a variety of issues related to student success. Students are encouraged to contact a counselor at least once each semester to discuss their education goals. Counselors are able to provide students with professional guidance in the following areas:

- Reviewing student information to determine appropriate course options;
- Exploring academic and personal goals, and identifying possible educational options;
- Developing short-term and long-term education plans;
- Explaining the various certificate and degree programs available at SMC, and offering assistance in researching alternative college options if the student's desired program is not offered at SMC;
- Assisting with identification of transfer options and course requirements for University of California (UC), California State University (CSU), independent, and out-of-state institutions; and
- Providing referral information to other student support service programs on campus, as well as to other off-campus resources.

In addition to one-on-one counseling sessions — which are currently offered in person, via video, and by phone — General Counseling & Transfer Services also provides counseling services online at smc.edu/onlinecounseling.

During the academic year, General Counseling & Transfer Services holds a number of hybrid and online workshops that address topics such as the transfer process, educational planning, study skills, and time management. The Counseling Department also offers courses that provide a more in-depth study of the topics listed above. Students will find these courses listed under the “Counseling” heading in the Schedule of Classes.

Drop-in counseling services for quick issues requiring a short consultation (15 minutes or less) are continually available, and students may make appointments for more extensive counseling sessions during most parts of the year. For General Counseling & Transfer Services hours and other information, students should visit the website or call the office.

Education and Early Childhood Counseling

smc.edu/ece

Bundy Campus, Room 317

3171 S. Bundy Dr., Los Angeles

310-434-8109

The Education and Early Childhood program provides academic and professional preparation, as well as transfer assistance, for students interested in teaching careers (infant through grade 12) or related work with children and families. Students receive individualized academic support, counseling, and professional growth advisement, including assistance with permit applications for students seeking employment in early childhood education.

Financial Aid and Scholarships

Financial Aid:

smc.edu/financialaid

Student Services Center S133

310-434-4343

Scholarships:

smc.edu/scholarships

Student Services Center S133

310-434-4343

Santa Monica College provides a variety of resources to assist and encourage students who need financial assistance. Federal and State grants, work-study, loans, and fee

waivers are available through SMC's Financial Aid Office. Scholarships are offered for a wide range of achievements and activities through SMC's Scholarship Office, and many have no requirements for financial need. Together, Financial Aid and Scholarships annually provide over \$45 million of assistance to SMC students!

Students can apply for federal financial aid and a California College Promise Grant (CCPG) by selecting the fafsa.gov link through the SMC Financial Aid website (smc.edu/financialaid). At this website, students can find links to federal and state agencies. Students can also find answers to their questions in the SMC Student Financial Aid Handbook. For specific questions, students can call the Financial Aid Office.

Santa Monica College has partnered with BankMobile to process financial aid disbursements. Students should visit smc.edu/bankmobile for more details.

SMC's Scholarship Office provides information about scholarships to aid students — including high school students — entering or continuing at SMC, or transferring from SMC to a four-year college or university. Monetary awards in various amounts are given in recognition of academic excellence and potential for success. The Scholarship Office distributes more than \$450,000 in scholarship funds each year from the Santa Monica College Foundation (an endowment fund that provides proceeds for about 500 different scholarships), service clubs and local organizations, private individuals, and other organizations, foundations, and corporations. Information on the requirements for awards can be obtained from the Scholarship Office. Students must have completed 12 units with a GPA of 2.5 at Santa Monica College to be eligible to apply for scholarships. For more information, students should visit the Scholarship Office website or call the office.

Food Services

Santa Monica College offers a variety of on-campus food services. Most food services are located on the ground floor of the Student Center. The food services area includes a food court, where a selection of meals, snacks, and beverages may be purchased at reasonable prices. Service is provided indoors, and seating is available inside and on outdoor patio areas. Vending machines can also be found at various locations on the campus.

Gateway to Persistence and Success (GPS)

smc.edu/gps

SMC's Gateway to Persistence and Success (GPS) — an online tool that connects students with their instructors, counselors, and student support services — acts as an 'early warning' system to help students address issues affecting or interfering with their education. Through GPS, instructors can alert Counseling or other services when a student is struggling, and students can receive feedback that gives them a solid idea of how they are doing in class. GPS also gives students who need help access to rapid referrals to support services, as well as positive reinforcement and encouragement.

For more information, students should visit the website.

Health Insurance

The Health Services fee SMC students pay at the time they enroll is NOT health insurance. The fee covers ONLY the

services offered at the SMC Health Services Center (see Health Services Center, below, for details). Any expenses a student incurs for medical services outside the scope of those covered by the Health Services fee, however, are the sole responsibility of the student and not the Santa Monica Community College District.

SMC's Health Services Center provides health services and first aid to currently enrolled Santa Monica College students. SMC's Student Health Center's focus is on health promotion, illness prevention, treatment of acute illness, and health education to promote student success. All services are provided on a confidential basis.

International students should consult the International Education Center for information on health insurance, which they are required to have while attending SMC.

Health Sciences Counseling

smc.edu/ncs

Nursing: smc.edu/nursing

Respiratory Care: smc.edu/rtlink

Bundy Campus, 3rd Floor

3171 S. Bundy Dr., Los Angeles 310-434-3453

The Health Sciences Counseling program provides SMC Nursing and Respiratory Care students with academic counseling, educational planning services, and other educational and counseling services specific to health sciences.

Health Services Center

smc.edu/healthcenter

Cayton Center 112 (next to Cafeteria) 310-434-4262

SMC's Health Services Center provides health services to currently enrolled Santa Monica College students, with referrals as needed. The focus of the Health Services Center is on health promotion, prevention of illness, treatment of acute illness, and health education.

The Health Services staff provides the following to all currently enrolled students who have paid the Health Services fee:

- Assessment and intervention by a Registered Nurse (RN) for short-term illness, health screening, and referrals to the available physician and/or other appropriate community agencies when necessary;
- First aid;
- Physician (MD) and Nurse Practitioner (RNP) assessment and intervention;
- Low-cost prescription medications prescribed by Health Services Physician or Nurse Practitioner;
- HIV testing;
- GYN screening and treatment;
- Blood pressure measurement;
- Tuberculin Mantoux skin test;
- Over-the-counter medications;
- Selected immunizations at cost; and
- Pamphlets and other educational information.

The Communicable Disease Center and the American College Health Association recommend the following immunizations for college students: rubella (German measles),

rubeola (measles), and tetanus. These immunizations — often required for students transferring to other institutions — are available in our office.

All campus accidents must be reported immediately to the Health Services Center.

For hours and other information, students should call the Health Services Center or visit our website.

KCRW 89.9 FM

kcrw.com

Main Office 424-538-8500

1660 Stewart St., Santa Monica

Membership

888-600-5279

KCRW 89.9 FM, a community service of Santa Monica College, is Southern California's leading National Public Radio affiliate, featuring an eclectic mix of music, news, information, and cultural programming. *KCRW.com* and the KCRW-developed smartphone app extend the station's profile globally, with three streams featuring web-exclusive content — all music, all news, and the live station simulcast — as well as an extensive list of podcasts.

Library

smc.edu/library

Information

310-434-4334

Reference Service

310-434-4254

With more than 95,000 volumes and access to over 18,000 full-text periodicals, SMC's library is home to one of the largest collections of materials in the California Community College system. The library offers a comfortable, studious atmosphere, with professional librarians available to assist — in person, via chat, or by email — with research and study needs.

SMC's library provides more than 200 computers for student use to access a variety of information resources, including the library online catalog, full-text article databases, and Internet resources. These resources are also available to SMC students and staff from off-campus locations through the library's webpage.

The library also offers several courses specifically designed to introduce students to the research process and the variety of types of information resources available in print and online. These courses are strongly recommended for every SMC student, and are especially important for students planning to transfer to a four-year college or to a university. For descriptions of these courses, students should see the "Library Studies" listings in the Schedule of Classes.

The library extends borrowing privileges to Santa Monica College's students, faculty, and staff. Residents of the Santa Monica Community College District may apply for a Community Patron Card (\$20 per year). SMC volunteers and high school students — as well as instructors at area schools and universities — may apply for a free Courtesy Card.

For library hours and other information, students should visit the library webpage.

Music Performance Groups

smc.edu/music

SMC Performing Arts Center 111

310-434-4323

1310 11th St., Santa Monica

SMC's music performance groups participate in a variety of concerts and other musical performances, including musicals, opera and theatre productions, and other community events. Students may earn credit for their participation in music performance classes, including the Concert Chorale, Chamber Choir, Jazz Vocal Ensemble, Wind Ensemble, Piano Ensemble, Percussion Ensemble, Symphony Orchestra, Jazz Band, Opera Theater, and Musical Theatre. An Applied Music Program (see Mentor Program in the Arts/Applied Music Program, above) is also offered, with qualifications determined by audition. For more information, students should visit the Music Department website or call the office.

Office of Student Life and the Associated Students (A.S.)

smc.edu/OSL

Cayton Center 202

310-434-4250

The Office of Student Life is the hub of student activities. The A.S. Board of Directors, A.S. Commissioners, Inter-Club Council (ICC), Associate Dean of Student Life, and student activities staff can all be found there, along with information on A.S. and club activities, use of campus public areas, campus student publicity, and other details.

The Associated Students (A.S.) — The student-directed organization of the SMC student body and its elected or appointed student officers promote the intellectual, social, and cultural welfare of students through proper, effective government. Students participating in A.S. Government gain first-hand experience with the governing process and build management and leadership skills.

The A.S. Resource fees support a rich program of extracurricular activities including more than 60 student clubs to foster academic achievement, social interaction, and community involvement.

Students may participate in A.S. Government as elected officers serving one-year terms on the A.S. Board of Directors or as the Student Trustee. Students may also volunteer as A.S. Commissioners appointed by the Board of Directors to help carry out directors' goals and serve on committees.

Students elected to A.S. Government can represent the interests of their fellow students in how SMC operates, including instructional support systems, student services, financial support services, and planning. SMC's Board of Trustees grants and defines A.S. Government's legislative and fiscal authority.

Students in A.S. Government must maintain a minimum 2.0 GPA and be enrolled in at least eight (8) units per semester. For details, students should see the Associated Students website or ask the Office of Student Life for information.

Associated Students Activities

The A.S. Resource fee is optional. Students who choose to pay the A.S. Resource fee each semester enrich campus life with student clubs, special events that include concerts and guest speakers, student clubs, and special events. Students with an active A.S. Resource sticker also enjoy special privileges and benefits such as:

- Priority use of the Cayton Associated Students Computer Lab;
- Student club membership and support to start a club;

- FREE Scantrons and Blue Books for testing;
- Leadership opportunities (elected or appointed);
- Assistance with food security through the Free Lunch VoucheR (FLVR) program, Galleys (food pantries), and Corsair Market (free farmers market);
- And much more!

For all the details, students should visit the Office of Student Life website or call for information.

Student Clubs

One of the best ways to get involved in campus life is to join one of SMC's more than 60 student clubs. The clubs reflect the wide range of interests SMC students have in areas such as academic achievement, science, sports, creative arts, business and industry, social awareness, and service. Club activities include field trips, business meetings, networking opportunities, guest lectures, and social events to enhance the educational and social experiences students have on campus and in the community. To find out about student clubs, see the Student Clubs website.

California law forbids secret fraternities and sororities in public community colleges. All clubs at SMC — with the exception of the honor scholarship societies, which require specific qualifications (see Honors Societies, above, for details) — are open to all students.

Inter-Club Council (ICC)

The Inter-Club Council (ICC) promotes SMC's student clubs to attract and increase student participation in them, encourage the development of student leadership and service, and foster interaction among the clubs. The ICC sponsors Club Row, an annual spring festival that brings all of SMC's student clubs together to showcase their variety and give students the chance to find out first-hand what activities the clubs offer.

SMC John Drescher Planetarium

smc.edu/planetarium

Drescher Hall 223 (near elevator)

Advance Ticket Sales

310-434-3005

NOTE: Until further notice, the planetarium will present its shows online using the Zoom platform (with a few possible exceptions for special telescope viewing sessions). A link to the shows is available on the date of the show at smc.edu/planetarium.

SMC's John Drescher Planetarium features a computer-driven optical projection system coupled with an audiovisual system, which provides the planetarium with capabilities for multimedia presentations. The planetarium is used by SMC astronomy and science classes, local schools, community groups, and the general public.

On Friday evenings during the academic year, the planetarium presents two highly popular astronomy shows. "The Night Sky Show" at 7 p.m. is an interactive general interest, 50-minute introduction to the wonders and sights of the night sky. The show is updated weekly to reflect the ever-changing sky and the latest news in space exploration and astronomy, and questions from guests about their favorite constellations or other cosmic phenomena are welcomed. The Feature Show at 8 p.m. concentrates in more detail on

a specific topic such as the exploration of Mars or the quest for life beyond Earth, provides telescope viewing opportunities at various times of year, and brings guest experts to speak at the SMC campus. From time to time, the planetarium offers Sunday Matinee shows at 2 p.m.

The planetarium's website lists show dates, topics, and other information, including how to arrange a special group presentation.

SMC Pete and Susan Barrett Art Gallery

smc.edu/Barrett Information **310-434-8204**
1310 11th St., 1st Floor, Santa Monica **310-434-3434**

The SMC Pete and Susan Barrett Art Gallery presents exhibits of the best in contemporary art by local, national, and international artists, as well as SMC's annual student and faculty art exhibitions. The Gallery also hosts SMC's popular Holiday Art Sale. Each exhibit is free and open to the public, and has an opening reception where artists, students, and members of the community can gather to enjoy and exchange ideas on the works presented. Many exhibits include free informative art talks. Details on upcoming art exhibitions, gallery receptions and talks, and other activities are available by calling the Gallery, visiting the Gallery's webpage, or browsing the SMC Events calendar (smc.edu/calendar).

SMC Photography Gallery

smc.edu/photo **310-434-4289**
Drescher Hall, 2nd Floor

The SMC Photography Gallery is nationally recognized as a significant venue for photographic art. As part of the Westside's flourishing art movement, the gallery enjoys active support from the community. Each exhibit has an opening reception where artists, photographers, students, and members of the community can gather to enjoy and discuss images that have made an impact on the world of photography. Information on gallery hours, exhibits, and opening receptions is available by calling the gallery or browsing the SMC Events webpage (smc.edu/calendar).

SMC Student Email

Santa Monica College uses Google Gmail to communicate with students and to provide each SMC student with a FREE email account. Gmail accounts are very user friendly, can be reached from any computer or mobile device with Internet access, include online storage, and give students access to Google Docs, Calendar, and other services. Details are available at smc.edu/google.

Before setting up and starting to use a Gmail account, students should BE SURE TO READ THE GOOGLE PRIVACY POLICY (link at smc.edu/google). To set up a Gmail account, students should go to smc.edu/cc and log into Corsair Connect, then click on the *SMC@Email* icon and follow the instructions. *Once the Gmail account is set up, students should be sure to check it frequently, as this will be where Santa Monica College will send all official communication from the College to students.*

NOTE: The *@student.smc.edu* email address is NOT a permanent service, and will be disabled after a period of non-enrollment at SMC. Students should NOT link or associate their SMC student email address with personal and non-SMC related services, including Facebook, Twitter, Instagram,

and other social media, as well as bank account(s), ATM and credit cards, and for purchased apps/services. SMC email addresses may be restricted at the College's discretion at any time.

SMC Student I.D. Card

SMC students may obtain one SMC student I.D. card free of charge through the Cashier's Office. The card provides SMC students with a photo I.D., enhanced access features, and improved campus security. The card offers a convenient way to speed up checking out books and materials from the SMC Library and to access the campus tutoring labs and learning resource centers, as well as purchase discount tickets for selected events or activities.

For more information, students should contact the Cashier's Office.

Student Employment Program

smc.edu/studentemployment **310-434-4343**
Student Services Center S133

The Student Employment Program — offered through the Career Services Center and processed through the Financial Aid Office — assists SMC students seeking part-time jobs at Santa Monica College, and offers students information on the skills and characteristics of a successful employee. On-campus jobs are available in many departments and programs on SMC's Main and satellite campuses.

Students may be employed at SMC under two special budget programs: Student Help (SH) and Federal Work-Study (FWS). SH pays students to work on campus through department and program budgets. FWS is a Financial Aid award that pays a student wages for employment. The award is funded through the Federal Work-Study Program, a Federal financial aid program that requires that the student apply for Federal financial aid, meet specific eligibility requirements, and be awarded FWS funds by the Financial Aid Office.

To be employed as a student worker at Santa Monica College, a student must have a valid Social Security (SS) Card with the correct spelling of the student's name. F-1 students will be given a form letter to request an SS card from the Social Security Office.

For more information, students should visit the Student Employment website or call the Career Services Center. For additional student employment options, students should consult the Career Services Center.

The Edye

broadstage.org **310-434-3200**
Information & Tickets

SMC Performing Arts Center
1310 11th St., Santa Monica

The Edye is a small "black box" performance and rehearsal facility that opened in fall 2007. The Edye is an ideal setting for intimate concerts and small productions offering audiences the experience of being up-close and personal with performance art. Many of the events held here are free, but ALL require advance reservations. Please see the website or call the Information number for events listings and other details.

The Eli and Edythe Broad Stage (The Broad Stage)

broadstage.org

Information & Tickets

310-434-3200

**SMC Performing Arts Center
1310 11th St., Santa Monica**

The Eli and Edythe Broad Stage — known familiarly as The Broad Stage — opened in fall 2008 to host a variety of top-rated music, dance, and other events, including fully staged commercial productions. The Broad Stage is a top entertainment destination for audiences throughout the region. The latest details on upcoming performances and ticket information are available on the website.

Theatre Arts Productions

smc.edu/theatre

Theatre Arts Complex

310-434-4319

Students at Santa Monica College may participate in full-scale productions offered to the community and receive training in all aspects of theater productions, from intense classes specifically for the training of the actor (including acting classes in Modern Realism and various historical styles, vocal production for the stage, and stage movement) to training in the technical aspects of theater production (including stagecraft, costuming, make-up, sound, lighting, projection, stage management, and more). Students also have many opportunities to audition for various other public performances.

The College's facilities for educational theater — the Theatre Arts Complex — provides two performance spaces under one roof on SMC's main campus. With all its amenities, the Theatre Arts Complex is an ideal place to teach the art of theater and to perform stage productions for the community.

The latest details on upcoming performances and ticket information are available on the website.

Tutoring Services

smc.edu/tutoring

Tutoring helps students excel academically. Santa Monica College provides all enrolled students with free tutoring services in most subjects through a number of on-campus tutoring centers.

Tutoring is offered to support a wide variety of programs, including:

- Accounting
- Business
- Computer Science
- Economics
- ESL
- History
- Humanities
- Logic
- Math
- Modern Languages
- Political Science

- Science
- Writing

Specialized tutoring may also be arranged through the Center for Students with Disabilities (310-434-4265), EOPS/CARE (310-434-4268), the Scholars Program (310-434-4371), and the International Education Center (310-434-4217). General tutoring information and the hours of the tutoring centers are available on the Tutoring Services webpage (smc.edu/tutoring).

Students do not need to wait to schedule a tutoring appointment. Tutoring appointments are scheduled online through Corsair Connect (smc.edu/cc).

Tutoring offers many benefits, including giving students the opportunity to gain a better understanding of the material from tutors who have mastered the coursework, review key concepts from courses, ask the questions they did not ask in class, and formulate questions to take back to instructors about course material. Tutoring also helps students learn new methods for notetaking and textbook reading, as well as new study strategies.

Welcome Center

smc.edu/welcomecenter

Student Services Center S110

310-434-8101

The Welcome Center is a one-stop location to assist first-time SMC students as they begin their journey at the College. Our outreach and recruitment strategy blends a hub-spoke approach to interface with local high schools, community, and out-of-state students. The Welcome Center staff represents SMC at local and national college fairs, career days, and other special events each year.

The Welcome Center serves as a bridge between SMC and its partner high schools, middle schools, and community agencies to present Santa Monica College as an elite higher-education choice, and to ensure a smooth on-boarding and transition for entering students.

The Center supports students in a nurturing and welcoming environment. Students receive vital new-student information and step-by-step guidance through the enrollment process. As the first point of contact for SMC, the Welcome Center offers campus tours and introduces students, parents, and high school counselors to educational counseling and academic programs, student services, and other campus resources.

At the Welcome Center, students can use computers to apply to SMC, enroll in classes, complete their online orientation, and/or work on their education plans, as well as get assistance with:

- Applying to SMC;
- SMC Promise concerns;
- Navigating Corsair Connect;
- Completing orientation;
- Understanding financial aid; and
- Referrals to campus resources.

For more information, students should visit the Welcome Center website or contact the office.

Academic Policies



Academic Policies

This section of the SMC catalog offers a summary overview of selected academic policies, rules, regulations, and procedures at Santa Monica College. Topics are presented in alphabetical order. Information was current when this edition of the catalog was published. Santa Monica Community College District administration reserves the right to add, amend, or repeal any of its policies, rules, regulations, and procedures at any time. The information provided in this section is subject to change without notice. Please see the District's Administrative Regulations at smc.edu/AdminRegulations for additional details, as well as information on topics not covered in this or other sections of the catalog.

Academic and Progress Probation and Disqualification Policies

Santa Monica College is committed to providing a broad range of academic courses, student services, and specialized programs to help students succeed and meet their goals. Students are expected to take responsibility for meeting the SMC Student Success Standards of "Academic Achievement" and "Timely Progress."

Academic Achievement is defined as maintaining a cumulative grade point average of C (2.0) or better in all classes taken at Santa Monica College. The cumulative SMC GPA does NOT include grades earned at other colleges or universities. However, students should note that grades earned at other institutions WILL be used in calculating their grade point average for the purpose of graduation.

Timely Progress is defined as not exceeding the allowed percentage of I (Incomplete), W (Withdrawal), and NP (No Pass; formerly NC-No Credit) notations within the specified amount of enrolled units. A student who meets the standards of timely progress has enrolled in at least 12 cumulative units and received less than 50% of I, W, or NP notations.

Failure to meet the Student Success Standards can lead to academic probation, progress probation, academic disqualification, or progress disqualification. Please note: Per AR 4111.8 (Enrollment Priorities), students will be subject to lower enrollment priority after two consecutive semesters of probationary, disqualified, or readmitted status. Students will lose eligibility for the California College Promise Grant (CCPG) after two consecutive semesters of academic and/or progress probationary status (students in the Guardian Scholars Program and other foster youth are exempted).

Students on academic or progress probation should meet with a counselor as soon as possible to review the circumstances that led to probation, and to develop a student success plan, including a comprehensive student education plan.

ACADEMIC PROBATION

To remain in good academic standing at Santa Monica College, students must maintain a C (2.0) or better cumulative grade point average.

Students will be placed on academic probation if they:

- Fall below a C (2.0) cumulative grade point average in 12 or more SMC cumulative units attempted; or
- Transfer to SMC while on disqualification status at another college or university; or
- Are readmitted after disqualification from SMC.

Students on academic probation are limited to enrolling in a maximum of nine (9) units in a spring or fall semester and five (5) units in a winter or summer session. Students who have been readmitted under probationary status after disqualification from SMC, or who have transferred to SMC after disqualification from another institution, are limited to a maximum of six (6) units in a spring or fall semester and five (5) units in a winter or summer session.

Students will remain on academic probation until they raise their cumulative SMC grade point average to a 2.0 or better, or are disqualified from attending SMC due to unsatisfactory academic performance.

As a preventive measure, students are urged to review the Attendance Policies section. Failure to properly withdraw from classes causes many students to be placed on academic and/or progress probation—situations that can be avoided by timely and appropriate withdrawal. **It is the student's responsibility to withdraw from a course. Informing the instructor is NOT sufficient. Failure to withdraw from a course can lead to receiving a grade of F (0.0).**

F-1 VISA STUDENTS PLEASE NOTE: Federal law *requires* students with an F-1 visa to complete 12 units during each fall and spring semester, *regardless of academic status*. If there is ANY possibility that a student may be placed on academic probation or disqualified from attending SMC due to poor academic performance, the student should IMMEDIATELY arrange to discuss the situation with a counselor from the International Education Center.

STUDENT ATHLETES IN SEASON OF COMPETITION (Spring/Fall) PLEASE NOTE: To compete in a given sport at SMC, a student must be enrolled in and actively attending 12 units (a maximum of 3 of those units can be for KIN PE courses) during the season of competition, regardless of academic status. If there is ANY possibility that a student may be placed on academic probation or disqualified from attending SMC due to poor academic performance, a student should IMMEDIATELY arrange to discuss the situation with an athletic counselor by calling 310-434-8017.

PROGRESS PROBATION

To remain in good standing at Santa Monica College, students must not exceed the allowed percentage of I (Incomplete), W (Withdrawal), and NP (No Pass; formerly NC-No Credit) notations within the specified number of enrolled units.

A student enrolled in at least twelve (12) semester units will be placed on progress probation if the percentage of units in which the student receives a notation of W (Withdrawal), I (Incomplete), or NP (No Pass) reaches or exceeds 50% of units enrolled.

Students on progress probation are limited to enrolling in a maximum of nine (9) semester units in a spring or fall semester and five (5) semester units in a winter or summer session.

Students will remain on progress probation until they increase their number of completed units to meet the required percentage of their enrolled units, or until they are disqualified from attending SMC due to their continuing unsatisfactory progress.

F-1 VISA STUDENTS PLEASE NOTE: Federal law *requires* students with an F-1 visa to complete 12 units during each fall and spring semester, *regardless of academic status*. If there is ANY possibility that a student may be placed on progress probation or disqualified from attending SMC due to unsatisfactory progress, the student should IMMEDIATELY arrange to discuss the situation with a counselor from the International Education Center.

STUDENT ATHLETES IN SEASON OF COMPETITION (Spring/Fall) PLEASE NOTE: To compete in a given sport at SMC, a student must be enrolled in and actively attending 12 units (a maximum of 3 of those units can be for KIN PE courses) during the season of competition, regardless of academic status. If there is ANY possibility that a student may be placed on progress probation or disqualified from attending SMC due to unsatisfactory progress, the student should IMMEDIATELY make arrangements to discuss the situation with an athletic counselor by calling 310-434-8017.

CALIFORNIA COLLEGE PROMISE GRANT (CCPG) SATISFACTORY ACADEMIC PROGRESS REQUIREMENT

The State of California requires California College Promise Grant (CCPG) recipients to meet certain minimum academic standards. Please note:

- To remain CCPG eligible, students must maintain at least a 2.0 GPA and a course completion rate of at least 50%.
- Students who fail to meet the GPA and/or completion rate standards will be placed on CCPG Probation.
- Students on CCPG Probation have one major term (fall or spring semester) to raise their GPA and/or completion rate.
- Students who fail to raise their GPA and/or completion rate up to the minimum standards may become ineligible for a CCPG for the next fall or spring semester unless they (a) have already enrolled in the next fall or spring semester; or (b) have not yet completed 12 units.

More information about the California College Promise Grant (CCPG) Satisfactory Academic Progress Requirement, including how to appeal the loss of CCPG eligibility, is on the SMC Financial Aid webpage.

ACADEMIC DISQUALIFICATION

Academic disqualification will result if a student who begins the fall or spring semester on academic probation fails to achieve a cumulative GPA of 2.0 or higher by the end of the semester. However, any student on academic probation whose most recent semester GPA equals or exceeds a 2.0 GPA will not be disqualified, but continue on academic probation. Students on “readmitted disqualified” status will be initially limited to a maximum of six (6) units when pre-enrolling for the next fall or spring semester, and a maximum of three (3) units when pre-enrolling for the next winter or summer session. A student who becomes disquali-

fied after pre-enrolling for the subsequent semester will be administratively dropped from all registered courses if the student is not reinstated by a counselor.

For further information, please see an SMC counselor.

PROGRESS DISQUALIFICATION

Students who have been placed on progress probation at the end of a fall or spring semester will be disqualified from Santa Monica College at the end of the subsequent semester when the cumulative percentage of units in which a student receives a notation of W (Withdrawal), I (Incomplete), or NP (No Pass; formerly NC-No Credit) reaches or exceeds 50% of units enrolled.

A student who becomes disqualified after pre-enrolling for the subsequent semester will be administratively dropped from all registered courses if the student is not reinstated by a counselor.

Any student on progress probation, however, whose most recent semester work does not exceed the allowed percentage of W, I, or NP notations will not be disqualified, but continue on progress probation. Students on “readmitted disqualified” status will be initially limited to a maximum of six (6) units when pre-enrolling for the next fall or spring semester, and a maximum of three (3) units when pre-enrolling for the next winter or summer session. A student who becomes disqualified after pre-enrolling for the subsequent semester will be administratively dropped from all registered courses if the student is not reinstated by a counselor.

Students should go to smc.edu/DQProbationPolicies or see a counselor for more information.

REINSTATEMENT OF DISQUALIFIED STUDENTS

Students who have been disqualified (dismissed) from Santa Monica College due to poor academic performance and/or unsatisfactory progress, *and who have been away from SMC for one semester or less*, must complete and submit a ‘Disqualified Student Petition for Reinstatement to Probationary Status.’ Students who petition for reinstatement to SMC may or may not be allowed to return, depending on reinstatement guidelines. To complete the reinstatement petition, students must log in to Corsair Connect at smc.edu/cc, then go to ‘SMC Quick Links,’ click on ‘DQ Student Petition,’ and follow the instructions. Once the petition is successfully submitted, a confirmation message will appear, and the petition will be saved in the Corsair Connect account. To have a reinstatement petition reviewed and processed, a student **MUST** consult a counselor. The counselor will determine whether reinstatement is possible, what conditions the student must meet in order to enroll at SMC, and how many units the student may enroll in, up to a maximum of 6 units per academic term.

If a student is denied reinstatement, the counselor may require the student to successfully complete a specific number of units at another college or university, with a specific minimum GPA, before being allowed reinstatement to SMC.

Other policies regarding reinstatement at SMC include:

- After a 1st disqualification, if a student is allowed to reinstate, the counselor will specify a maximum number of units the student can enroll in, up to a maximum of six (6) units for a fall or spring semester,

and up to a maximum of three (3) units for a winter or summer session;

- After a 2nd disqualification, a student must wait for one semester and possibly one intersession before requesting to be reinstated; and
- After a 3rd disqualification, and each disqualification after that, a student must wait for one year before requesting to be reinstated.

Please see smc.edu/DQProbationPolicies for information on other requirements for disqualified students seeking reinstatement to SMC.

ADMISSION/READMISSION OF STUDENTS DISQUALIFIED FOR ACADEMIC OR PROGRESS REASONS

A disqualified student who wishes to be readmitted *after being away from Santa Monica for two consecutive semesters (one year) or longer* or who is attending SMC for the first time after being disqualified from another institution is required to file BOTH an SMC Admission Application AND a 'Disqualified Student Petition for Reinstatement.' The student must take the following steps IN THE ORDER PRESENTED.

- The student must file an application for admission to SMC by going to smc.edu/apply and clicking on the 'Returning Students' section, and then on "Petition for Reinstatement."
- After submitting the application, the student will receive an email that provides an SMC Student ID number, which will be used to log in to Corsair Connect. Returning students will have their previous SMC ID number reactivated in the system.
- The student must log in to Corsair Connect, look under 'SMC Quick Links' for the 'DQ Student Petition' link, click on that link, and complete and submit the petition.
- Once the completed DQ Petition is submitted, a message will appear with further instructions for the student to follow. The Readmission Committee will determine whether reinstatement is possible and what conditions the student must meet in order to enroll at SMC, and will email its decision, along with any further instructions, to the student's SMC email address.
- IMPORTANT: Students who were disqualified from another college should email a legible copy of their unofficial transcripts to readmit_committee@smc.edu and include their full name and SMC ID number. PLEASE NOTE: The reinstatement process will NOT continue OR be complete until all transcripts are received. After a student's transcripts are received, an SMC counselor will review the petition and email the decision — along with any further instructions — to the student's SMC email address. Once readmitted to SMC, the student MUST arrange for an official copy of all transcripts to be sent *directly by the previous college(s)* to Santa Monica College, ATTN: Admissions, 1900 Pico Blvd., Santa Monica, CA 90405-1628. When the transcripts are received, an SMC counselor will review the student's DQ Petition and email a response to the student's SMC email address.

ADMISSION OF STUDENTS DISQUALIFIED FOR OTHER REASONS

Students disqualified, suspended, or expelled from other institutions for disciplinary issues should meet with the Admissions supervisor to resolve their enrollment status.

Academic and Progress Renewal

Santa Monica College will disregard a selected number of units for classes a student previously completed at SMC in which the student's performance was substandard. Students who wish to have previous coursework disregarded must meet the requirements for academic renewal or progress renewal.

ACADEMIC RENEWAL

Academic Renewal is a process designed to facilitate a student's completion of a degree or certificate program — and/or the student's removal from academic probation — by disregarding up to 30 semester units of the student's previous coursework. The student must discuss his or her situation with a counselor and file a petition for academic renewal. Final approval of the petition will be granted by the Admissions Office.

To qualify for academic renewal, the student must meet the following criteria:

1. The student has not previously used petitioned coursework for a degree or certificate from SMC or for IGEC or CSU GE certification; and
2. The coursework to be disregarded is limited to classes where the student received a grade of D (1.0) or F (0.0) and did not subsequently complete the course with a C (2.0) or higher at SMC or at another institution; and
3. The student has completed a minimum of 12 consecutive semester units with a grade of 2.0 at a regionally accredited college or university *after* having completed the coursework to be disregarded; units must be consecutive and must have begun any time after the coursework to be disregarded; and
4. There must be a lapse of at least six months since the student's completion of the most recent coursework to be disregarded.

All disregarded coursework will remain in the student's permanent record, and the student's transcripts will be annotated to make it readily evident that any disregarded course(s) may not be used to satisfy certificate, degree, or general education requirements.

PROGRESS RENEWAL

Progress Renewal is a process designed to facilitate a student's completion of a degree or certificate program — and/or the student's removal from progress probation — by disregarding up to a maximum of 30 semester units of the student's previous coursework. The student must discuss his or her situation with a counselor and file a petition for progress renewal. Final approval of the petition will be granted by the Admissions Office.

To qualify for progress renewal, the student must meet the following criteria:

1. The coursework to be disregarded is limited to classes where the student received a notation of W (Withdrawal) or NP (No Pass; formerly NC-No Credit); and
2. The student has completed — without receiving a notation of NP (No Pass), NC (No Credit), W (Withdrawal), or I (Incomplete) — a minimum of 12 consecutive semester units with a grade of 2.0 at a regionally accredited college or university after having completed the coursework to be disregarded; units must be consecutive and must have begun any time after the coursework to be disregarded; any Withdrawal (“W”), Incomplete (“I”), No Credit (“NC”), or No Pass (“NP”) notation/grade received during this timeframe will make the student ineligible for progress renewal; and
3. There must be a lapse of at least six months since the student’s completion of the most recent coursework to be disregarded.

All disregarded coursework will remain in the student’s permanent record, and the student’s transcripts will be annotated to make it readily evident that any disregarded course(s) may not be used to satisfy certificate, degree, or general education requirements.

Academic Requirements for Good Standing

To maintain good academic standing at SMC, students are required to have a minimum 2.0 (C) grade point average, based on all units attempted. Please see the Academic and Progress Renewal policies (page 390) and the Course Repetition policy (page 393) for information on possible improvement of grade point average (GPA).

DEAN’S HONOR LIST

Each fall and spring semester, a Dean’s Honor List of outstanding students is issued. To be eligible for the Dean’s Honor List, a student must have completed a program of 12 or more graded units at Santa Monica College during the qualifying fall or spring semester, and have earned a semester grade point average of 3.0 or higher. The units must be in courses that award an A (4.0), B (3.0), C (2.0), D (1.0), or F (0.0) as a grade (grades of P, NP, or I are not included).

A student’s transcript will be annotated with the designation “Dean’s Honor List.”

HONORS AT GRADUATION

Santa Monica College students who have consistently demonstrated outstanding academic excellence and have a cumulative grade point average of 3.0 or higher for all college-level courses they have completed at SMC and at other regionally accredited colleges receive special recognition of their outstanding academic excellence at graduation. A record of their graduation honors will appear on their transcript.

To be eligible for honors at graduation, students must not only have a 3.0 or higher cumulative GPA (including

coursework from other colleges), but also meet all of SMC’s graduation requirements, including the completion of a minimum of 12 units of coursework while attending SMC. Students must also be in good academic standing (i.e., not on disqualified status for lack of progress) at the time they graduate.

A student’s cumulative grade point average must match the narrow range specified below for the student to be awarded one of the following honors with the Associate degree:

- Graduation with Highest Honors — requires a student to have attained a cumulative GPA of 4.0 (including coursework from other colleges) and completed a minimum of 12 units of coursework while attending SMC;
- Graduation with High Honors — requires a student to have attained a cumulative GPA ranging from 3.70 to 3.99 (including coursework from other colleges) and completed a minimum of 12 units of coursework while attending SMC; and
- Graduation with Honors — requires a student to have attained a cumulative GPA ranging from 3.0 to 3.69 (including coursework from other colleges) and completed a minimum of 12 units of coursework while attending SMC.

Students who have been suspended or expelled from the College — regardless of how excellent their grade point average might be — are not eligible to receive honors at graduation.

Attendance Policies

Please note: The attendance and withdrawal policies listed in this section do not apply to Emeritus and not-for-credit classes at Santa Monica College.

Regular attendance and participation are obligations assumed by every student at the time of enrollment.

Extenuating circumstances are verified cases of accidents, illnesses, other circumstances beyond the student’s control, and other conditions defined by the Governing Board and in published regulations.

Students who withdraw from classes are responsible for initiating the drop process by the appropriate deadlines. Students who do not withdraw by the specific deadlines may earn a substandard or failing grade for a credit course or an NP (No Pass) grade notation for a noncredit class. Students will not be eligible for a refund if the withdrawal takes place after the refund deadline.

The instructor issuing an F (0.0) to a student may be asked by the Financial Aid Office to verify if the F was the result of ‘nonattendance.’ Nonattendance means the student’s last attendance date — or, if enrolled in an online or hybrid class, the last date of substantive participation — was prior to the 60% point of completion of the course. Poor performance means the student participated after the 60% point in the course and earned an F. Nonattendance may be grounds for return of financial aid funds.

COURSE ENROLLMENT: ADDING CLASSES

A student may add classes throughout the registration period via Corsair Connect at smc.edu/cc. After the registra-

tion period concludes, classes may only be added by formal request from the student to the Dean of Enrollment Services (or designee) by a Petition for Special Consideration stating the extenuating circumstances justifying the late enrollment, and signed by the instructor. The decision to grant or deny the petition will be made by the Dean of Enrollment Services (or designee). The student must provide evidence of class attendance from the time the class started until the date of late enrollment.

Instructors may also issue a student a late enrollment authorization code, which the student will use to add the class via Corsair Connect.

Instructors may reinstate a dropped student by issuing a reinstatement authorization code to the student, which the student can then use to add the class via Corsair Connect.

It is the student's responsibility to confirm enrollment. A student who fails to enroll by the applicable deadline may not receive credit for the class. It is the instructor's responsibility to ensure that students attending are officially enrolled.

ATTENDANCE AND INSTRUCTOR REQUEST TO DROP A STUDENT

A student enrolled in any class at SMC who does not attend (or if an online class, actively participate in) ALL of the sessions for that class that meet during the FIRST WEEK of the class RISKS BEING DROPPED from the class by the instructor, or may receive an F (0.0) or NP (No Pass) for nonattendance. An instructor may also withdraw a student later in the term for excessive absences or nonparticipation (if enrolled in an online class).

A student may also be dropped from a class when, in the instructor's judgment, the student's number of absences has become excessive or the student is no longer participating in the course. In the case of online and hybrid classes, this includes failing to substantively participate in the class during the first week and throughout the course. Faculty will determine the consequences of absences and late arrivals.

A student who is dropped from a class between the refund deadline and the 75% mark of the class (listed as the deadline for a Guaranteed "W" on the class schedule at the student's Corsair Connect account) will receive a grade of W (Withdrawal), and units for the class will be included as "enrolled units" on the student's transcript. Students who are dropped from a course after the 75% mark may request a late withdrawal by submitting a Petition for Late Withdrawal to the Admissions Office. The Admissions & Records Special Considerations Committee will determine whether the request can be granted. Students also have the option to request on the petition to be granted an Excused Withdrawal (described below). Instructors will assign students who have not officially withdrawn from a class by the deadline a grade of A (4.0), B (3.0), C (2.0), D (1.0), F (0.0), or — if they are enrolled in courses offered on a Pass/No Pass basis or have petitioned to take a course on a Pass/No Pass basis — a grade of P (Pass) or NP (No Pass).

For details, students should go to Corsair Connect at smc.edu/cc and click on the class schedule.

ATTENDANCE AND STUDENT REQUEST TO WITHDRAW FROM CLASSES

A student enrolled in any SMC class MUST ATTEND ALL of the sessions of that class that meet DURING THE FIRST WEEK of the class or RISK BEING DROPPED from the class by the instructor. A student may be dropped from a class when, in the instructor's judgment, the student's number of absences has become excessive or the student is no longer participating in the course. Since attendance is essential for normal progress in a class, a student is expected to be in class regularly and on time. Faculty will determine the consequences of absences and late arrivals.

A student who drops a class between the refund deadline and the 75% mark of the class (listed as the deadline for a Guaranteed "W" on the class schedule at the student's Corsair Connect account) will receive a grade of W (Withdrawal), and units for the class will be included as "enrolled units" on the student's transcript.

The last official day to drop will be at the 75th percentile of the class. Students should review their Corsair Connect account for their specific dates and deadlines. All students who have NOT withdrawn by this deadline will receive a grade of A (4.0), B (3.0), C (2.0), D (1.0), F (0.0), or — if they are enrolled in courses offered on a Pass/No Pass basis or have petitioned to take a course on a Pass/No Pass basis — a grade of P (Pass) or NP (No Pass). Specific drop dates are noted next to each enrolled class listed in the student's Corsair Connect account. Students who must drop a course after the 75% mark may request a late withdrawal by submitting a Petition for Late Withdrawal to the Admissions Office. The Admissions & Records Special Considerations Committee will determine whether the request can be granted. Students also have the option to request on the petition to be granted an Excused Withdrawal (described below). A student may petition for late withdrawal after the 75th percentile of the semester or session if in the instructor's judgment there are extenuating circumstances, such as verified cases of an accident, military obligation, or other circumstances beyond the control of the student. The student must file a Petition for Late Withdrawal in the Admissions Office, and obtain the approval of the instructors involved and the Dean of Enrollment Services prior to the end of the term. If the petition is approved, the resulting grade will be a W, unless the student qualifies for an Excused Withdrawal (EW). Students who have completed the course including taking the final or submitting final projects are NOT eligible for a late withdrawal. In those cases the student should meet with the instructor if they wish to contest their grade, as a Withdrawal is no longer an option.

Specific information about these dates and deadlines can be found by viewing the student's class schedule at Corsair Connect (smc.edu/cc).

Requests for Retroactive/Late Withdrawal: Retroactive/late withdrawals from classes are normally not permitted. However, these may be granted under certain limited circumstances. To be eligible for a retroactive/late withdrawal, the student may request to withdraw from a class by submitting a Special Consideration Petition ONLY if there are extenuating, documented, and verifiable circumstances to justify withdrawal from a class — and to justify requesting such a withdrawal retroactively — in order for a retroactive withdrawal request to be considered. *A retroactive/late withdrawal cannot be used as a way to remedy poor*

academic performance in a class. Students must file the petition in the Admissions Office no more than 90 calendar days after the end of the term in which they were enrolled in the course. If the petition is approved, the resulting grade will be a W.

Excused Withdrawals: An Excused Withdrawal (EW) may be granted when a student must withdraw from one or more courses due to specific events beyond the control of the student that affect the student's ability to complete the course(s). The student must submit a Late Withdrawal Petition and accompanying supporting documentation to the Admissions Office. The Admissions & Records Special Considerations Committee will render a decision once the petition and documentation have been reviewed. The EW shall not be counted in (1) progress probation and dismissal calculations, and (2) will not count against the permitted number of withdrawals or enrollment attempts in a given course. As a result, students with an Excused Withdrawal (EW) may repeat the course(s) from which they have withdrawn. The EW may be issued effective summer 2018 and cannot be applied retroactively for prior terms. Enrollment, tuition, Health Services, SMC student I.D., A.S. Resource, and Student Representation fees will not be refunded.

Auditing Classes

Santa Monica College does not permit auditing of classes. All students attending credit or noncredit classes at Santa Monica College must be officially enrolled through SMC's Admissions Office. Older adults attending free, noncredit classes on topics of interest to older adults must be enrolled through SMC Emeritus. Students attending fee-based not-for-credit classes to explore personal interests or gain professional certification must be enrolled through the SMC Community Education office. Students attending free English as a Second Language (ESL) and other noncredit adult education classes must be enrolled through SMC's Noncredit (Adult Education) Initiatives/Programs.

Basic Skills Preparation Courses

Basic Skills courses may NOT be applied toward the degree. The following courses are identified as Basic Skills courses:

English 20, 21A, 23, 24, 80, 84R, 84W, 85; **ESL** 10G, 10W, 11A, 14A, 14B, 15, 16A, 16B, 16C, 17, 23; **Biology** 81; **Counseling** 21H, 22H, 25H, 41H; **Mathematics** 81, 84, 85. No more than eight units in Cooperative Work Experience/Internship may be applied toward the degree. **Counseling** 23 cannot be applied toward the degree.

Course Repetition

California Code of Regulations Title 5 limits the number of times a student may repeat a course in the California Community College system. These regulations also require all current and prior credit course enrollments, repetitions, and withdrawals in a student's enrollment record to be

counted toward the maximum limit, except for courses where an Excused Withdrawal (EW) was granted.

Students who wish or need to repeat a course in which they have previously earned an unsatisfactory grade or a W may re-enroll ONE TIME without the need to request prior permission from a counselor. Any subsequent attempts to re-enroll require authorization from a counselor BEFORE ENROLLING. In some cases, after meeting with a counselor, students will need to complete and file a Request for Special Consideration petition with the Counseling Department to repeat a course. The counselor will determine whether a petition is required. Depending on the circumstances, requests to enroll in a course a THIRD time may not be approved. Requests to enroll in a course a FOURTH time (or more) will NOT be approved, except under certain, very limited extenuating circumstances, which must be documented. Courses completed with an EW will not count against the enrollment limits listed above.

For complete details, please see "Credit Course Enrollment Limitation" (SMC AR 4340), available online (go to smc.edu/AR4000StudentServices). *The Credit Course Enrollment Limitation policy is subject to change, pending revisions to California Code of Regulations Title 5.*

Santa Monica College permits students to repeat (enroll again in) courses they have already completed, but *only* under special circumstances authorized by California Code of Regulations Title 5. The special circumstances include:

1. Courses that were originally completed with an unsatisfactory grade of D (1.0), F (0.0), NP (No Pass; formerly NC-No Credit) and/or W (Withdrawal), EW (Excused Withdrawal), or MW (Military Withdrawal); or
2. Courses Santa Monica College has designated as repeatable; or
3. Courses in which a student received a satisfactory grade and one of the following conditions applies:
 - The original course was completed at least three (3) years prior to repeating it, and the course is required by the District as a recency prerequisite, OR another educational institution to which a student seeks to transfer requires the course to be taken more recently than the student's last enrollment in the course [note that the significant-lapse-of-time exception cannot be used if the student earned a substandard grade when last enrolled course]. The student must provide documentation if the repetition is necessary for transfer; or
 - The student's previous grade in the course was determined to be the result of extenuating circumstances (illness, accident, fire, etc.; documentation of circumstances is generally required); or
 - The student has one or more disabilities and the student's success in other classes is dependent upon additional repetition of a special class, the student needs to enroll again to be prepared for enrollment in other classes, or the student's education plan specifies a goal in which additional enrollments in the special class will help further that goal [note that the course repetition must be designated as part of the student's accommodation]; or

- Courses that are required by statute or regulation as a condition of employment AND the student is seeking to be employed for a paid or volunteer job that requires the course; or
- Courses that address a significant change in industry or licensure standards so that repetition is necessary for the student's employment or licensure [note that appropriate documentation will be requested]; or
- A legally mandated training or cooperative/occupational work experience requirement; or
- The classes are variable unit open entry/open exit credit courses, where a specific portion of the course needs to be repeated as permitted by Title 5 Regulations.

In cases where a student has earned more than two substandard grades (or, in the case of Withdrawals, the first two Ws) in a single course can be disregarded when calculating a student's grade point average (GPA) or progress calculation if the course is subsequently repeated. The NEW grade earned must be an A, B, C, D, F, or P (Pass), or NP (No Pass) for this to occur. A W, EW, MW, or I cannot be used to disregard any previous grades or notations on transcripts. All of the original grades always remain in the student's permanent record, as required by Title 5, but will have a notation to indicate that the course was repeated.

For example, if a student takes English 1 for the first time and earns a D (1.0), then repeats the course and earns another D (1.0) the second time, and then, on a counselor-authorized third attempt, earns a C (2.0), the previous two D grades will be disregarded (although the grades will still appear on the student's transcript, noted to show the course repetition), and the C (2.0) will be used to recalculate the student's GPA.

Please note that the *only* grades that may be recalculated for improvement of a student's GPA are the first two unsatisfactory grades that the student earns in the course, and *ONLY* if both attempts at taking the course were made at Santa Monica College. Even if the student receives special permission to enroll in the same course for a fourth time, the GPA recalculation is limited to the first two unsatisfactory grades earned in the course. Note that any grades earned in courses taken at other colleges or universities cannot be used to recalculate a student's GPA at SMC.

Repeating a course that a student originally completed with a grade of A (4.0), B (3.0), C (2.0), or P (Pass) will have **NO effect** on the student's GPA or units completed, and is only permitted after the student files a written request and receives approval to repeat the course, *and only* if the student is repeating the course under one of the special circumstances listed above.

Santa Monica College has designated selected courses as being repeatable per California Code of Regulations Title 5 §55041. In some cases, courses are grouped together because they are related in content. These courses may include several levels, but also have a *cumulative* course repeatability of three (i.e., a total of four course completions is permitted). For example, Dance 43, 44, 45, and 46 are grouped together because they are all different levels of contemporary modern dance for the major. A student who repeats Dance 43 (two course enrollments: taking the course initially, and repeating the course), and then com-

pletes Dance 44 and Dance 45, has accumulated four enrollments in a group of courses. As a result, that student may not enroll in Dance 46, because doing so would exceed the maximum number of course repetitions that are permitted. In addition, any Dance course enrollments in which the student earned a grade of D (1.0), F (0.0), NP (No Pass; formerly NC-No Credit), and/or W (Withdrawal) or MW (Military Withdrawal) will count toward the maximum number of enrollments allowed in the course grouping.

Credit Normally Allowed

All college-level courses (except some religion and theology courses) taken in U.S. regionally accredited two-year colleges and the lower-division of U.S. regionally accredited four-year colleges will be counted toward the degree. Upper-division, graduate, and professional courses from U.S. regionally accredited colleges will only be counted if needed to meet minimum degree requirements.

In determining transfer of a student's credits, Santa Monica College honors prior course repetition actions taken by other accredited colleges and universities.

Consult a counselor for information regarding credit for coursework taken after leaving SMC. A maximum of six (6) semester units is granted for Cooperative Work Experience/Internship.

REDUCTION OF CREDIT

Students are cautioned to check transfer school catalogs often, because course changes are frequently made by universities and colleges, and certain combinations of courses can result in a reduction of unit credit upon transfer.

NON-REGIONALLY ACCREDITED COLLEGES AND UNIVERSITIES

Under specific circumstances, students may transfer up to fifteen (15) semester units of credit from a non-regionally accredited college or university to Santa Monica College. To initiate the request for credit transfer, students should submit a Use of Non-Accredited Coursework petition to the Admissions Office. Please see Administrative Regulation (AR) 4000 — available online at smc.edu/AR4000StudentServices — for details.

COURSE LIMITATIONS

Basic Skills courses may NOT be applied toward the degree. See the Basic Skills Preparation Courses information above for details.

Students may apply as elective units toward any degree or Certificate of Achievement up to six (6) semester units of Independent Study credit.

Students may apply as elective units toward any degree or Certificate of Achievement up to eight (8) semester units of Cooperative Work Experience/Internship credit.

FOREIGN COURSEWORK

Students who have satisfactorily completed courses from a foreign nation's appropriately accredited university may be able to apply the course credits toward a degree at SMC. Students should consult a counselor BEFORE requesting to have credits evaluated, because the time it takes to evaluate

a large number of units can delay enrollment. Courses must first be evaluated by an approved credential evaluation agency, and then reviewed by the SMC Admissions Office. Some courses may also require approval by the department chair. Once courses are approved, their credit(s) may be transferred to SMC.

To have foreign coursework credits evaluated, students should visit smc.edu/foreigncoursework and contact one of the approved credential evaluation agencies listed there.

Please note: Foreign coursework will NOT satisfy general education requirements for Area II, Social Science, Group A (American History/Government) or for Area IV, Language and Rationality, Group A (English Composition).

CREDIT FOR PRIOR LEARNING

Credit for prior learning is college credit awarded for validated college-level skills and knowledge gained outside of a college classroom. Students' knowledge and skills might be gained through experiences such as:

- Military training;
- Industry training;
- State/federal government training;
- Volunteer and civic activities (e.g. Peace Corps);
- Apprenticeships, internships, work-experience.

Credit for prior learning may be earned for eligible courses approved by the District for students who satisfactorily pass an authorized assessment. Authorized assessments may include the evaluation of approved external standardized examinations, transcripts, student-created portfolios, and credit by examination. Credit for prior learning may be applied toward a local degree, IGETC, CSU GE, or certificate of achievement.

Credit may be awarded to electives for students who do not require additional general education or program credits to meet their goals. This ensures that the credits help advance students toward certificates or degrees.

Credits acquired through credit for prior learning cannot be counted in determining the 12 semester units of credit in residence required for a degree.

Enrollment Overlap and Time Conflicts

The College may permit enrollment in limited overlapping schedules, subject to the conditions below. As a general rule, students cannot enroll in courses that meet at the same or overlapping times. The College may also restrict enrollment in consecutive classes if, in the College's estimation, the student would fail to arrive on time to the second course due to distance traveled between the sites where the classes are held. Exceptions may be considered by petition, provided the petition is submitted no later than the day before the class census or refund deadline. The time conflict petition is posted on the Admissions & Records Office website.

REQUIRED ENROLLMENT GAPS

Students may enroll freely, space permitting, in consecutive classes that have an enrollment gap of at least 10 minutes for same-campus classes, or 30 minutes for classes meeting at different sites or campuses. This minimum enrollment gap allows for reasonable travel time from one class to the next. Students wishing to enroll in consecutive classes with a shorter enrollment gap may submit a time conflict petition documenting how they will be able to get from one class to the next within the time gap.

ENROLLMENTS IN OVERLAPPING CLASSES

Students may request an exception to enroll in classes that overlap by up to and including 15 minutes, using the time conflict petition. The instructor whose class time is impacted is under no obligation to approve the student's request. Petitions must be submitted to the Admissions & Records Office by the deadline. The petition must state a reasonable explanation for why the overlapping schedule should be approved. Scheduling convenience is not an acceptable reason. The completed form must include the affected class instructor's approval, subject to verification by the Admissions & Records Office. A petition may be approved under the following conditions:

- a. The student provides a sound justification, other than scheduling convenience, of the need for the overlapping schedule.
- b. The class instructor and the Dean of Enrollment Services or designee approves the schedule.
- c. The student will make up the missed class time at another time during the same week under that instructor's supervision. The instructor will verify at the end of the term that the student has made up the required time.
- d. The College maintains documentation describing the justification for the overlapping schedule and how the student made-up the missed contact hours.

For classes that overlap by more than 15 minutes, the time conflict petition will be automatically denied.

Grades, Units, and Transcripts

GRADES

The grades used (and their value) to indicate scholarship at Santa Monica College are: A (Excellent; 4.0), B (Good; 3.0), C (Satisfactory; 2.0), D (Less than satisfactory; 1.0), F (Failing; 0.0), P (Pass; at least satisfactory; units awarded, but not counted in GPA), NP (No Pass; less than satisfactory; no units awarded or counted in GPA), W (Withdrawal), EW (Excused Withdrawal), MW (Military Withdrawal), I (Incomplete), and SP (Satisfactory Progress; used for non-credit courses).

“Pass/No Pass” (“P/NP”) Grade Policies (Formerly “Credit/No Credit”)

California Code of Regulations Title 5 §55752 allows a grade of P (Pass) or NP (No Pass) to be given under two circumstances:

1. Courses offered by the College on a Pass/No Pass basis, where a single standard of satisfactory performance is used to evaluate students; and
2. Courses that a student individually petitions to enroll in on a Pass/No Pass basis through Corsair Connect (or the Admissions Office), and receives approval to do so.

Courses that Santa Monica College designates as Pass/No Pass courses will use the P/NP grading system exclusively. Students who enroll in these courses will be evaluated on a single standard of satisfactory performance. Course units will be credited only when students meet this standard. Units will not be credited for a performance that is less than satisfactory.

Courses that a student individually petitions to take on a Pass/No Pass basis require the student to take all of the course's tests and do all assignments. The standards of evaluation in such courses are identical for all students. Students who enroll on a Pass/No Pass basis are subject to all attendance and withdrawal policies, and must meet the criteria listed below.

1. Course units taken under the option of Pass/No Pass may not exceed a total of 14 cumulative transferable units at Santa Monica College (includes any combination of UC- and CSU-transferable courses).
2. All nontransferable courses and courses that are graded exclusively on a Pass/No Pass basis are not subject to the 14-unit limitation.
3. Students who have already received a Bachelor degree from an accredited college or university may take an unlimited number of units on a Pass/No Pass basis.

Students who wish to take courses on a Pass/No Pass basis may request this grading option through Corsair Connect by logging onto smc.edu/cc and clicking Enrollment, then P/NP Grading. Students may also file a request in the Admissions Office before the 30th percentile of the course length. For course-specific deadlines, students should go to Corsair Connect and see their class schedule. Courses that are 2 weeks or less in length may not be taken on a P/NP basis. **Once the deadline has passed, the decision to take a course on a Pass/No Pass basis is irrevocable.**

"Pass" will be indicated on a student's permanent record as P, with units awarded, but no grade points. Students receive a grade of P when their performance is equivalent to a C (2.0) or higher. "No Pass" will be indicated on a student's record as NP, with no units completed and no grade points. Students receive a grade of NP when their performance is equivalent to a D (1.0), or F (0.0). In either case, a student's grade point average is not affected, and units are not included in a student's units attempted for purposes of determining academic probation or academic disqualification. Units awarded for courses taken on a Pass/No Pass basis will, however, be included in a student's units enrolled for purposes of determining progress probation or progress disqualification. See Academic and Progress Probation and Disqualification Policies, below, for details.

"Incomplete" ("I") Grade Policies

"Incomplete" is a temporary grade status available to a student who has participated in the course and is doing C (2.0) or better work prior to the final exam or final project, but who is unable to complete the final requirements of a class

because of illness, accident, emergency, or other circumstances beyond the student's control. An Incomplete may NOT be used for a student who should have been dropped earlier in the term for nonattendance.

An Incomplete can be given only upon the approval of the instructor. However, the instructor is not required to grant an Incomplete to a student, and such decisions by an instructor are final and may not be appealed by the student. If the instructor approves, an "I" is temporarily entered on the student's record.

An Incomplete for a class may be requested during the final week of the class or the final test period. Appropriate documentation may be required. Only an instructor may give approval for an Incomplete.

To receive an Incomplete for a course, a student must request the Incomplete from the instructor of the course BEFORE the instructor submits final grades for that course OR before the College's official deadline for submission of final grades, whichever comes first. An Incomplete cannot be issued once a grade has been submitted by the instructor.

Instructors will submit an Incomplete Grade petition upon submission of final grades. The conditions necessary for removing an Incomplete will be recorded by the instructor, along with the default grade and default date (not to exceed one calendar year) by which the student must make up the Incomplete. Both the student and the instructor will receive an automated email notification informing them the Incomplete Grade Petition has been submitted. Students may retrieve this petition at any time on Corsair Connect. An Incomplete must be made up no later than one year from the end of the semester it was assigned, and the actual date by which the student must complete the required coursework will be determined by the course instructor.

Units for classes in which a student receives an Incomplete will be counted as part of a student's units enrolled, but will not be included in the student's units attempted or units completed, and no grade points will be assigned. Once a student completes the requirements for the "Incomplete," the instructor will submit a "Grade Change Form" to the Admissions Office. An Incomplete, when properly made up, will give the student the appropriate grade points for the grade finally earned.

Students may NOT repeat a class in which they currently have an "I," and they may not be required to attend nor attend a class in which they have an Incomplete. Per SMC policy, only officially enrolled students may attend a class.

"Withdrawal" ("W") Grade Policies

See the Attendance Policies section, above, for information regarding withdrawal from classes and policies affecting W (Withdrawal) and EW (Excused Withdrawal) grades.

Grade Point Average (GPA)

A grade point average (GPA) is the sum of a student's grade points divided by the number of "all units attempted." California Code of Regulations Title 5 §55757 defines "all units attempted" as "all units of credit for which the student is enrolled in the current community college of attendance," but leaves it up to the governing board of each community college district — in this case, the Board of Trustees of the Santa Monica Community College District — to estab-

lish regulations regarding whether “all units attempted” includes or excludes units for classes in which a notation of P (Pass), NP (No Pass), I (Incomplete), IP (In Progress), W (Withdrawal), EW (Excused Withdrawal), or MW (Military Withdrawal) is assigned.

At Santa Monica College, units for classes in which a student is assigned a notation of W (Withdrawal), EW (Excused Withdrawal), MW (Military Withdrawal), I (Incomplete), or IP (In Progress) are specifically excluded from “all units attempted.” Units for classes taken on a pass/no pass basis are also excluded from “all units attempted,” and are disregarded when calculating a student’s grade point average. In addition, grades earned in courses that may not be applied toward earning a degree are excluded from a student’s grade point average. In other words, only the units of credit for classes in which a student received a grade of A (4.0), B (3.0), C (2.0), D (1.0), or F (0.0) are included in “all units attempted” and used when calculating the student’s grade point average.

Grade Changes

With the exceptions of academic renewal, progress renewal, and approved course repetition, grades assigned by the instructor are considered final and will generally only be changed in cases of clerical or mathematical error or demonstrated instructor mistake, fraud, bad faith, or incompetence. No other reason is valid. *Students who wish to appeal a grade based on instructor mistake, fraud, bad faith, or incompetence should be aware that they must file a formal grade appeal by October 30 for spring semester grades, November 30 for summer session grades, April 30 for fall semester grades, and May 30 for winter session grades. As soon as possible after receiving the grade, the student should consult with the instructor, and must also see the College Ombudsperson, who will outline the procedure to be followed. Students may schedule an appointment with the Ombudsperson by sending email to ombuds@smc.edu or by calling 310-434-3986. Additional details on the procedure for appealing a grade can be found in the Student Complaints, Hearings, & Appeals section of this catalog. However, students must meet with the College Ombudsperson at least 15 days before the deadline to discuss the grade appeal procedure and attempt to resolve the grade dispute informally.*

UNITS

Units Enrolled

Santa Monica College defines “units enrolled” (or “enrolled units”) as being all the units of credit for all the classes in which a student was officially enrolled on or after the first census date of an academic term. In other words, “units enrolled” means all the classes a student enrolled in and received a grade of A (4.0), B (3.0), C (2.0), D (1.0), F (0.0), P (Pass), or NP (No Pass), or a notation of I (Incomplete), W (Withdrawal), or MW (Military Withdrawal). Enrolled units are used for purposes of determining progress probation and progress disqualification, and for calculating a student’s grade point average. EW (Excused Withdrawal) grades are excluded from units enrolled.

Units Attempted

Santa Monica College defines “units attempted” (or “attempted units”) as being all the units of credit for all the classes a student was officially enrolled in on or after the first census date of an academic term, in which the student received a grade of A (4.0), B (3.0), C (2.0), D (1.0), or F (0.0). Units for classes in which a student received a grade of P (Pass) or NP (No Pass), or a notation of I (Incomplete), W (Withdrawal), EW (Excused Withdrawal), or MW (Military Withdrawal) are excluded from units attempted. Attempted units — sometimes referred to as “graded units” — are used for purposes of determining academic probation and academic disqualification, and for calculating a student’s grade point average.

Graded Units

“Graded units” are the units of credit for classes in which a student received a grade of A (4.0), B (3.0), C (2.0), D (1.0), or F (0.0). See Units Attempted, above, for details.

Units Completed

Santa Monica College defines “units completed” (or “completed units”) as being the units of credit for classes in which the student received a grade of A (4.0), B (3.0), C (2.0), D (1.0), or P (Pass). Units for classes in which a student was assigned a grade of F (0.0) or NP (No Pass), or a notation of W (Withdrawal), EW (Excused Withdrawal), MW (Military Withdrawal), or I (Incomplete) are specifically excluded from completed units.

CREDIT UNITS

At Santa Monica College, each unit of credit is considered a semester unit that is generally equivalent to a minimum of three hours of student work per week for the duration of a course. One semester unit of credit can equal one hour of lecture and two hours of study, OR two hours of activity and one hour of study, OR three hours of laboratory, OR three hours of independent study under the supervision of a faculty member.

TRANSCRIPTS

Students may obtain an official transcript of their permanent record by placing an order online at a secure site on the Admissions webpage or by filing an application for transcripts in person in the Admissions Office. In both cases, a student’s signed authorization to release records is required by law, and students who request transcripts through the Admissions Office must present a photo ID.

A nominal service fee is added to the cost of transcripts ordered online, which are delivered by mail or electronically a few days after receipt of a student’s signed authorization. RUSH service is also available for transcripts ordered online, which are mailed within 72 hours of receipt of signed authorization. Students may arrange to pick up transcripts ordered on a RUSH basis if they wish. FedEx shipping options are also available, but only when documents are ordered online.

Transcripts requested through the Admissions Office take two to four weeks to process and are delivered by mail only (no FedEx option available). The Admissions Office provides a student’s first two transcripts at no cost to the student, but the student must make the request in person. Each

subsequent transcript costs \$5 (subject to change) plus any processing fees for transcripts ordered electronically.

Please see smc.edu/transcripts for specific details on how to order transcripts.

While enrolled at SMC, students may download an *unofficial* copy of transcripts by going to smc.edu/cc and following the instructions provided there.

Independent Studies

Students may apply up to six (6) semester units of Independent Study credit as elective units toward any degree or Certificate of Achievement.

Internship/Cooperative Work Experience (CWE)

Students may apply up to six (6) semester units of Internship/Cooperative Work Experience credit as elective units toward any degree or Certificate of Achievement.

Military Service Credit

A US veteran may request up to nine (9) units of credit for military service. Up to four (4) units based on service time (1 unit for each six months of service time)—of which three (3) units may be used to satisfy Area E of the CSU GE requirements—may be granted. An additional five (5) units of elective credit may be granted for basic training alone. These units may NOT be used to meet GPA or subject requirements.

Additional credit may be allowed for specific programs of military training. For details, please consult with the Veterans' Counselor.

Prerequisites and Corequisites

A prerequisite is a class that a student is required to complete (or a skill that a student is required to have) as a condition for enrolling in a class where current familiarity with the subject matter or possession of a particular skill is essential for the student to succeed in the class. For example, Chemistry 10, a prerequisite for enrolling in Chemistry 11, provides a basic introduction to the principles, laws, and nomenclature of chemistry, all of which a student needs to be familiar with in order to understand the subject matter covered in Chemistry 11.

A corequisite is a class a student is required to take simultaneously with another class as a condition for enrolling in the other class because the two classes are so interrelated that a student cannot pass one without the other.

ESTABLISHMENT OF PREREQUISITES AND COREQUISITES

All prerequisites and corequisites for SMC classes are established by Santa Monica Community College District administration under the standards set out in California Code of

Regulations Title 5 §55003. Prerequisite(s) or corequisite(s) for a class are established whenever:

1. The prerequisite or corequisite is expressly required or authorized by statute or regulation; and/or
2. Students are highly unlikely to succeed in the class if they have not met the prerequisite or enrolled in the corequisite course; and/or
3. The prerequisite or corequisite is necessary to protect the health and safety of students or others involved in the class.

Prerequisites and corequisites for all classes at Santa Monica College must be satisfied with a grade of C (2.0) or better, regardless of whether they are completed at SMC or at another college or university.

Students who believe they already possess the knowledge or skills to succeed in a class may challenge its prerequisite(s) or corequisite(s) by following the Prerequisites and Corequisites Challenge Procedure established by District administration.

PROCEDURE FOR CHALLENGING PREREQUISITES AND COREQUISITES

Please note: In the procedure outlined below, every reference to prerequisites also refers to corequisites.

Students who have not completed a prerequisite or corequisite course at Santa Monica College (or at another college or university) and believe they should be exempted from the course may submit a Prerequisite Challenge Petition to the appropriate academic department. Prerequisites may be challenged under one or more of the following grounds, and the student bears the initial burden of proof to show that grounds exist for the challenge.

1. The prerequisite has not been established in accordance with the District's process for establishing prerequisites.
2. The prerequisite is in violation of California Code of Regulations Title 5 §55003.
3. The prerequisite is either unlawfully discriminatory or is being applied in an unlawfully discriminatory manner.
4. The student will be subject to undue delay in attaining the goal of his/her education plan because the prerequisite course has not been made reasonably available.
5. The student has the ability or knowledge to succeed in the course despite not meeting the prerequisite.
6. The course has specific limitations on enrollment due to being a course that involves intercollegiate competition or public performance, or a course limited to a cohort of students who meet specific qualifications (for example, the qualifications required for participation in the Nursing Program), if no equivalent section is offered, the student would be delayed by a semester or more in attaining the degree or certificate specified in his or her student education plan, and the course in question is required to complete the degree or certificate.
7. The student seeks to enroll in a course that has a prerequisite established to protect health and safety,

and the student demonstrates that he/she does not pose a threat to himself/herself or others.

If space is available, a student will be permitted to enroll in the course in question. Each prerequisite challenge will be investigated and resolved by a designated committee no later than five (5) working days from the day that the challenge is filed. If the designated committee fails to resolve the challenge in five (5) days, the student will be permitted to enroll in the course. If no space is available, and the challenge is upheld, the student will be permitted to enroll for the course in the subsequent term.

Religious Observance and Other Accommodations

Observance of religious holidays may have an impact on a student's scheduled assignments, tests, or examinations. California State Education Code section 76121 states that an instructor must make a reasonable attempt to accommodate a student without penalty in the case of conflict between a student's religious creed and a scheduled assignment, test, or examination. Affected students should submit a written request to the instructor during the first two weeks of the academic term, or as soon as possible after a particular assignment, test, or examination date is announced by the instructor.

In matters of absence due to other personal necessity such as jury duty or court appearances, accommodation shall be at the discretion of the instructor, subject to verification.

College Policies, Rules, and Regulations



College Policies, Rules, and Regulations

This section of the SMC catalog offers a summary overview of selected Santa Monica College policies, rules, regulations, and related procedures. Information was current when this edition of the catalog was published. Santa Monica Community College District administration reserves the right to add, amend, or repeal any of its policies, rules, regulations, and procedures at any time. The information provided in this section is subject to change without notice. Please see the District's Administrative Regulations at smc.edu/AdminRegulations for additional details, as well as information on topics not covered in this or other sections of the catalog.

Student Right-to-Know Statement

To comply with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542) — also known as the Jean Clery Disclosure Act — Santa Monica College makes available the completion and transfer rates of first-time, full-time students seeking certificates, degrees, or transfer, as well as statistical information about the types and number of crimes committed on SMC's main and satellite campuses. The College provides this data to inform all current and prospective students — as “consumers” of higher education — on how well Santa Monica College compares with other postsecondary institutions.

COMPLETION AND TRANSFER RATES

Santa Monica College is Number One in transferring students to University of California (UC) campuses (including UCLA), the California State University (CSU) system, the University of Southern California (USC), Loyola Marymount University (LMU), and a variety of other top-ranked colleges and universities across the nation.

The completion and transfer rates presented here are derived from the most current data available at the time this catalog went to press. Completion rates are calculated by tracking a cohort (group) of first-time students seeking a certificate, degree, or transfer. For the cohort of first-time freshmen entering SMC in fall 2015, 31.91% earned a certificate or degree, transferred to a four-year institution, and/or became transfer-prepared (earned 60 or more transferable units with a GPA of 2.0 or higher) within three years of beginning coursework at SMC.

Transfer rates are calculated by tracking a cohort (group) of first-time students intending to transfer to a four-year institution. For the cohort of first-time freshmen entering SMC in fall 2015, 17.15% transferred to a four-year institution within three years of beginning coursework at SMC.

CRIME STATISTICS FOR THE COLLEGE COMMUNITY

Campus crime statistics are compiled and reported according to the guidelines specified in the Clery Act (20 USC 1092F), as defined under the FBI Uniform Crime Reporting procedures. SMC's crime statistics are available online at

the US Department of Education website (ope.ed.gov/security) and at the SMC Campus Police website (smc.edu/police). Campus crime statistics — along with safety and crime prevention information — can also be found at many locations at SMC, and are available to the public upon request. Contact the SMC Campus Police Office (310-434-4608) for details.

Books and Materials

The Federal Higher Education Opportunity Act (HEOA) requires Santa Monica College to provide students with the International Standard Book Number (ISBN), retail price, and/or other information (subject to change) about the required or recommended textbooks and supplemental materials for each course offered at SMC. Please go to bookstore.smc.edu and click on “Textbooks” for details. For other book-related information — including dates for book buybacks — please visit the SMC Campus Store website (bookstore.smc.edu).

Federal Tax Credit

Selected education expenses may be deducted from federal income taxes by qualifying students. As required by federal tax credit legislation, Santa Monica College will mail each registered student a copy of IRS verification form 1098T (Tuition Statement) each year. This information is also reported to the IRS. Students should be sure to have their correct Social Security number on file in the Admissions Office for the sake of accurate reporting to the IRS. Students should check with their tax preparer to determine whether they are eligible to take advantage of this tax credit and the amount they may deduct from their federal and/or state taxes.

College Conduct

Santa Monica College has an Honor Code, Code of Academic Conduct, and Rules for Student Conduct, and may discipline students in accordance with code provisions. The College also has the authority to remove students from a class or program if they are disruptive of the instructional process, they do not respect the rights of others, they cannot benefit from instruction, or they present health and/or safety hazards. To protect the interests of both the College and its students, SMC has an established “due process” through which its disciplinary and removal powers are exercised. As a further safeguard of student rights, an appeal procedure exists for these policies, as well as for appeals of grades, matriculation, and disqualification. The appropriate Appeals Committee will hear student appeals.

HONOR CODE/HONOR COUNCIL

Santa Monica College is committed to the academic, social, and ethical development of our students. We strive to create a learning environment that is challenging and supportive of the community at large. We are committed to upholding fundamental values of honesty, trust, fairness, respect, responsibility, civility, and community.

The College has instituted an Honor Code that students are expected to uphold, and has established an Honor Council

responsible for promoting, addressing, and resolving issues pertaining to academic integrity.

General principles that guide the Honor Code and Honor Council include the following:

- **Honesty:** means fairness and straightforwardness of conduct, and implies a refusal to lie, steal, or deceive in any way;
- **Integrity:** implies that one is true to a trust and adheres to a code of moral values;
- **Social Responsibility:** demonstrated by adherence to policies of the institution, departments, labs, libraries, and individual classes; and
- **Respect and Civility:** implies that one will conduct oneself in a courteous and respectful manner in communications and actions toward members of the campus community.

All students are expected to uphold the Honor Code as testament to their commitment and readiness to join the Santa Monica College academic community. At the time students enroll, they are expected to certify the following statement:

In the pursuit of the high ideals and rigorous standards of academic life, I commit myself to respect and uphold the Santa Monica College Honor Code, Code of Academic Conduct, and Student Conduct Code. I will conduct myself honorably as a responsible member of the SMC community in all endeavors I pursue.

A complete copy of the text for the “Honor Code/Honor Council” (SMC AR 4412) — which spells out the details of the Honor Code and the structure and responsibilities of the Honor Council — is available online (see smc.edu/AdminRegulations).

ACADEMIC CONDUCT

Code of Academic Conduct

Santa Monica College is a community-oriented, open-door educational institution whose purpose is to educate and enlighten members of the community who seek knowledge. In order to uphold the academic integrity of the institution, all members of the academic community — students and faculty alike — must assume responsibility for providing an educational environment of the highest standards, characterized by a spirit of academic honesty.

Under no circumstances will academic dishonesty be tolerated at Santa Monica College.

Academic Dishonesty Defined

Santa Monica College defines academic dishonesty as the act of or assistance in deceiving, including fraud or deception in any academic exercise. Academic dishonesty includes, but is not limited to, certain actions not authorized by the instructor or testing officer, such as:

1. Using notes or testing aids such as calculators, tape recorders, or other electronic devices during any examination;
2. Allowing another individual to assume one’s identity for the purpose of enhancing one’s grade in any of the following: testing, field trips, or attendance;

3. Falsifying or attempting to falsify grade and/or attendance records;
4. Representing the words, ideas, or work of another (including materials from commercial term paper companies) as one’s own (plagiarism) in any academic exercise;
5. Changing answers on a previously scored test, assignment, or experiment, with the intent to defraud;
6. Copying or allowing another student to copy from one’s paper or answer sheet during an examination or for a graded assignment;
7. Inventing information for the purpose of completing a laboratory experiment, case study analysis, or field trip with the intent to defraud;
8. Giving and/or taking information during an examination by any means, including sign language, hand signals, secret codes, or electronic transmission; and
9. Accessing or reproducing exams in any form, without the prior authorization of the instructor, for the purpose of sharing, selling, or publishing them.

Consequences for Violating Academic Conduct

If a violation of academic honesty occurs, any or all of the following actions may be imposed:

1. The instructor may assign a failing grade to an examination or assignment in which cheating or plagiarism occurred;
2. In more serious instances, the instructor may refer the student to appear before the Honor Board;
3. The instructor may dismiss the student from the class or activity in progress for up to two class sessions; and/or
4. In more severe incidents of academic dishonesty — including, but not limited to, impersonation, stealing exams or research papers, or repeated violations of academic honesty — the College Disciplinarian may suspend the student or recommend expulsion of the student from the College.

Student Responsibilities

In order to maintain an environment of academic integrity, students at Santa Monica College are expected to:

1. Conduct themselves in a manner that encourages learning and upholds academic integrity; and
2. Act with fairness toward other students, which includes not seeking an unfair or undue advantage over other students in the classroom or when completing an assignment, taking an examination, or engaging in any other kind of academic activity; and
3. Make every attempt to prevent any unauthorized access to or use of their work by other students in the classroom, for an assignment, in an examination, or when engaging in any other kind of academic activity.

Faculty Responsibilities

In order to maintain an environment of academic integrity, members of the faculty at Santa Monica College are expected to:

1. Make every attempt to conduct their classes in a manner that encourages honorable behavior and learning, supports student success, and discourages academic dishonesty;
2. Inform students of course requirements, grading procedures, and expectations for acceptable academic conduct and behavior;
3. Inform students of the College's Code of Academic Conduct and the consequences and disciplinary action(s) that will be implemented if any behavior counter to the Code of Academic Conduct occurs;
4. Inform students of their right to due process should they wish to contest an allegation of cheating or engaging in any other form of academic dishonesty; and
5. Ensure that the appropriate process for reporting a violation of the Code of Academic Conduct is followed.

Reporting a Violation

If an incident of academic dishonesty occurs, a faculty member should adhere to the following procedures:

1. Inform the student of the nature of the violation and the impending course of action; and
2. Complete and submit the Academic Dishonesty Report Form, along with any related evidence, the first copy of the form to the College Disciplinarian within ten (10) working days of the allegation. The College Disciplinarian will, in turn, notify the student, the College Ombudsperson, and the appropriate Department Chair, and place a copy in the student's disciplinary records as defined in the Code of Academic Conduct Appeal Procedures. This information will remain a part of the student's records for two years, provided there are no further acts of misconduct on the part of the student.

Appeal Procedure

If a violation of academic honesty is alleged to have occurred, a Santa Monica College student has the right to appeal the action taken by the faculty member through the appeal procedures established by the College. For details, please see the Student Complaints, Hearings, & Appeals section of this catalog.

STUDENT CONDUCT

Student Conduct Code

All students at Santa Monica College have an obligation to conduct themselves in a manner compatible with the College's function as an educational institution. A complete copy of the "Rules for Student Conduct" (SMC AR 4410) is available online ([go to smc.edu/AR4000StudentServices](http://smc.edu/AR4000StudentServices)).

Some examples of offenses and misconduct that are considered "good cause" for imposing disciplinary sanctions on a student are:

1. Continued disruptive behavior, continued willful disobedience, habitual profanity or vulgarity, the open and persistent defiance of the authority of College personnel, or persistent abuse of College personnel;
2. Assault, battery, or any threat of force or violence upon anyone on the College campus;
3. Sexual assault, defined as actual or attempted sexual contact with another person without that person's consent, regardless of the victim's affiliation with the College, including, but not limited to, any of the following:
 - (1) Intentional touching of another person's intimate parts without that person's consent, or other intentional sexual contact with another person without that person's consent;
 - (2) Coercing, forcing, or attempting to coerce or force a person to touch another person's intimate parts without that person's consent;
 - (3) Rape, which includes penetration, no matter how slight, without the person's consent, of either of the following: (a) the vagina or anus of a person by any body part of another person or by an object, or (b) the mouth of a person by a sex organ of another person;
4. Sexual exploitation, defined as a person taking sexual advantage of another person for the benefit of anyone other than that person without that person's consent, regardless of the victim's affiliation with the College, including, but not limited to, any of the following:
 - (1) Prostituting another person;
 - (2) Recording images, including video or photograph, or audio of another person's sexual activity, intimate body parts, or nakedness without that person's consent;
 - (3) Distributing images, including video or photograph, or audio of another person's sexual activity, intimate body parts, or nakedness, if the individual distributing the images or audio knows or should have known that the person depicted in the images or audio did not consent to the disclosure and objected to the disclosure;
 - (4) Viewing another person's sexual activity, intimate body parts, or nakedness in a place where that person would have a reasonable expectation of privacy, without that person's consent, and for the purpose of arousing or gratifying sexual desire;
5. Willful misconduct that results in the injury or death of a student or College personnel or visitors, or which results in cutting, defacing, or other injury to any real or personal property owned by the District;
6. Theft or willful misconduct that results in cutting, defacing, or other injury or damage to property of the College or a member of the College community or a campus visitor;
7. Willful or blatant misuse of e-mail or other inappropriate forms of communication to faculty, staff, or students, including communication by written notes, phone, voicemail, or any form of electronic communication;

8. Possession, use, sale, or being under the influence of any controlled substance or any poison classified as such by Schedule D in section 4160 of the California Business and Professions Code;
9. Smoking in any area where smoking has been prohibited by law or by regulation of the Board of Trustees;
10. Persistent, serious misconduct where other means of correction have failed to bring about proper conduct;
11. Dishonesty of any kind, including academic dishonesty;
12. Forgery, alteration, or misuse of College documents, records, or identification;
13. Obstruction or disruption of any teaching, research, administration, disciplinary procedures, or other College activities, including, but not limited to, community events or other authorized activities on College premises;
14. Unauthorized entry to or use of College facilities, supplies, and/or equipment;
15. Violation of College policies or of campus regulations, including, but not limited to, campus regulations concerning student organizations; the use of College facilities; the time, place, and manner of public expression; library procedures; College bills and debts; or residence;
16. Disorderly conduct or lewd, indecent, or obscene conduct or expression on property owned or controlled by the College or at activities or events sponsored or supervised by the College;
17. Failure to comply with directions from College officials performing their duties;
18. Possession or use of alcoholic beverages on campus property or at any College-sponsored event, or presence on campus or at any College-sponsored event while under the influence of alcohol;
19. Illegal possession or use of firearms, explosives, dangerous chemicals, or other weapons on College property or at College-sponsored activities or events;
20. Stalking, hate crimes, or hate incidents; and
21. Except as authorized by the College, the sale, purchase, exchange, distribution, or receipt of add codes, class seats, and academic work (lab reports, term papers, exams, extra credit, etc.), including, but not limited to, misconduct described in AR 4411 (Code of Academic Conduct) and AR 4435 (Responsible Use of Computer Resources); and
22. Any other offense set forth in the California Education Code that constitutes “good cause.”

With the exception of response to conduct specified in provisions 3 and 4 above, no student shall be removed, suspended, or expelled from SMC unless the conduct for which the student is disciplined is related to College activity or attendance.

Smoke Free Campus

Santa Monica College is committed to providing its students, faculty, and staff with a healthy, comfortable, productive environment that is free from the effects of second-

hand smoke. SMC became a smoke-free campus in fall 2007, following the example of many colleges, universities, and other public institutions throughout the US. Smoking — including the use of e-cigarettes or vaporizers — is not permitted in any District building, vehicle, or facility, or on District grounds, with the exception of designated outdoor areas on the periphery of all campuses. These are temporarily designated as smoking areas, as a way for the College to transition into becoming entirely smoke free.

Alcohol & Drugs

The abuse of alcohol or other drugs causes serious risks to a person’s health.

California State law prohibits the use, sale, or possession on campus of alcohol, or presence on campus of students who are under the influence of any controlled substance. (Cal. Ed. Code §§76032-76033)

Students enrolling in the College assume an obligation to conduct themselves in a manner compatible with the College’s function as an educational institution. Santa Monica College will impose disciplinary sanctions for the use, sale, or possession of alcohol or presence of any prohibited controlled substance. Disciplinary sanctions include, but are not limited to, verbal or written reprimands, disciplinary probation, removal from classes, ineligibility to participate in extracurricular activities, suspension, expulsion, and possible referral to local, state, or federal law enforcement agencies.

The Santa Monica College Center for Wellness & Wellbeing provides short-term psychological counseling, referral, and substance abuse/alcohol abuse information.

SEXUAL HARASSMENT, SEXUAL ASSAULT, AND MISCONDUCT

Santa Monica College is committed to providing an educational community with an environment free of sexual harassment and other threatening behaviors. Sexual harassment — a form of discrimination against an individual on the basis of sex, gender, or sexual orientation — consists generally of unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature that is intended to be or has the effect of being coercive, or of creating an intimidating, hostile, or offensive environment.

Under no circumstances will the College tolerate any form of sexual harassment or retaliation against any individual for filing a complaint of sexual harassment or for participating in a sexual harassment investigation.

Sexual harassment and retaliation violate state and federal laws. In addition, sexual harassment is a violation of SMC’s Board Policies, Administrative Regulations, and Student Conduct Code, and can lead to suspension or dismissal from the College.

A description of activities that constitute sexual harassment, the procedures for filing or appealing a sexual harassment complaint, and a discussion of issues related to sexual harassment can be found in “Sexual Harassment Prevention” (SMC AR 3121), “Rules for Student Conduct” (SMC AR 4410), and the “Ethics Statement” (SMC AR 5220) adopted by the Academic Senate. See smc.edu/AdminRegulations for the District’s Administrative Regulations.

Sexual Misconduct

Sexual misconduct comprises a broad range of unwelcome behaviors focused on sex and/or gender that may or may not be sexual in nature. Sexual misconduct encompasses sexual harassment, sexual assault, sexual exploitation, and gender-based harassment (harassment based on gender identity, gender expression, or non-conformity with gender stereotypes). Therefore, any intercourse or other intentional sexual touching or activity without the other person's consent is sexual assault and is a form of sexual misconduct.

Sexual misconduct also encompasses acts of a sexual nature, including acts of sexual stalking, domestic violence, dating violence, intimidation, or retaliation following an incident where an alleged sexual misconduct has occurred.

Any sexual violence or physical abuse, as defined by California law, whether committed by an employee, student, or member of the public, occurring on college-owned or controlled property, at college-sponsored or supervised functions, or related to or arising from college attendance or activity is a violation of District policies and regulations, and is subject to all applicable punishment, including criminal and/or civil prosecution and employee or student discipline procedures.

If you have been a victim of sexual assault, sexual harassment, or sexual misconduct, you have options on how you'd like to proceed.

The most important factor is that you are safe and are not in imminent danger. If you believe you are in danger, please call 911.

WHAT WOULD YOU LIKE TO DO?

Talk to Someone Confidentially

SMC Center for Wellness & Wellbeing

(Psychological Services)	310-434-4503
24/7	800-691-6003
SMC Student Health Services.....	310-434-4262
SMC Ombuds Office	310-434-3986

Talk to Someone On-Campus

Title IX Coordinator	310-434-4225
Title IX Deputies	smc.edu/SVPE

Talk to Someone Off-Campus (24/7 Support Services)

Santa Monica Rape Treatment Center.....	424-259-6000
Additional Support Information.....	smc.edu/SVPE

File a Police Report

On Campus	310-434-4300
Off Campus.....	911

File a Report: The Incident Involved an SMC Student

Student Judicial Affairs.....	310-434-4220
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File a Report: The Incident Involved an SMC Employee

Human Resources	310-434-4415
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File a Report: Electronically

Email.....	hrcomplaints@smc.edu
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Respondent: I've been Accused of Sexual Misconduct

Title IX Coordinator	310-434-4225
Student Judicial Affairs.....	310-434-4655
Sexual Violence Response and Prevention.....	smc.edu/SVPE

Sexual Violence – Prevention and Education (AB 1088: Sexual Violence)

Section 67385 of the Education Code requires that community college districts adopt and implement procedures to ensure prompt response to victims of sexual violence which occur on campus as well as providing them with information regarding treatment options and services. No community can be totally risk-free in today's society. However, by working together, students, faculty, staff, and visitors can all help to create an atmosphere which is as safe and crime free by reporting criminal behavior to:

- Santa Monica Police Department: 911
- Campus Police: 310-434-4300
- Dean of Student Services: 310-434-4655
- Center for Wellness & Wellbeing: 310-434-4503
- Health Services Center: 310-434-4262

Any sexual violence or physical abuse, as defined by California law — whether committed by an employee, student, or member of the public — occurring on College-owned or controlled property, at College-sponsored or supervised functions, or related to or arising from College attendance or activity is a violation of District policies and regulations, and is subject to all applicable punishment, including criminal and/or civil prosecution and employee or student discipline procedures. Please see the information available at smc.edu/SVPE for additional details.

Rape and Date Rape

Rape is forcible sexual activity without a person's consent and against a person's will. For the victim, rape is an emotionally and physically traumatic experience. Rape is a serious criminal offense, and accusations of rape can lead to possible referral to local, state, or federal law enforcement agencies. In addition, rape is a violation of SMC's Student Conduct Code and can result in the perpetrator's suspension or expulsion from the College.

DISCIPLINARY SANCTIONS

Disciplinary sanctions at Santa Monica College include, but are not limited to, verbal or written reprimands, probation, a disciplinary hold, removal from class, ineligibility to participate in extracurricular activities, suspension, and expulsion. These are listed in order of severity, and repeated instances of lesser infractions may lead to a more severe disciplinary action. The College Disciplinarian is responsible for enforcement of these sanctions. If a written report is placed in a student's disciplinary file, the student has the right to inspect and appeal the information as specified in California Education Code §76232. Disciplinary sanctions are described in detail in the "Rules for Student Conduct" (SMC AR 4410), posted online (go to smc.edu/AR4000StudentServices).

Written Reprimand

A written reprimand issued by the College Disciplinarian serves to place a statement in a student's disciplinary records (not the student's academic records) that the student has not met the standards of conduct set forth above.

1. The student has an opportunity to write a response to the reprimand, and the response will be placed on record with the reprimand; and
2. With regard to written reprimands, there will be no hearing or appeal to the Student Conduct Appeals or Sexual Assault Committee.

Disciplinary Probation

A student who fails to meet the standards of conduct may be placed on disciplinary probation by the College Disciplinarian. The student will be notified in writing that continued conduct of the type described in a “notice of disciplinary probation” will result in a more severe disciplinary sanction. The notice of disciplinary probation must include:

1. The period of time the student is to be on probation (this period may not exceed one year), and
2. The disciplinary sanction to be imposed.

A student has the right to pursue the Hearing and Appeal Process before disciplinary probation is imposed.

Removal from Class

An instructor is authorized to remove a student from class for cause for the remainder of the class on the day of the removal and the next class meeting. The instructor will immediately report the removal to the College Disciplinarian. During the period of removal, a student will not be permitted to return to the class without the agreement of the instructor of the class. With regard to removal from class, there is no hearing or appeal to the Student Conduct Appeals Committee.

Removal from Extracurricular Activities

The College Disciplinarian may remove a student from extracurricular activities for “good cause.” The period of removal may not exceed one year. Sanctions may include:

1. Removal from office in all College organizations;
2. Ineligibility to participate in all College-sponsored activities, including public performances; and/or
3. Ineligibility to participate in College extracurricular activities.

Nothing in this policy, however, restricts the College Disciplinarian from imposing lesser sanctions.

A student has the right to pursue the Hearing and Appeal Process before removal from extracurricular activities is imposed.

Suspension

The College Disciplinarian is authorized to suspend a student for “good cause.” The suspension may be:

1. From one or more classes for a period of up to ten days of instruction;
2. From one or more classes for the remainder of the school term; or
3. From all classes and College activities for one or more terms.

If a student who is suspended is a minor, the College Disciplinarian will notify the student’s parent or legal guardian of the suspension in writing.

Expulsion

A student may be expelled by the Board of Trustees for “good cause.” Expulsion is authorized when other means of correction fail to bring about proper conduct.

Student Complaints, Hearings, and Appeals

To protect the interests of both the College and its students, Santa Monica College has an established “due process” through which its disciplinary and removal powers are exercised. As a further safeguard of student rights, an appeal procedure exists for these policies, as well as for appeals of grades, matriculation, and academic or progress disqualification.

COLLEGE OMBUDSPERSON

Students with complaints, grievances, and personal concerns about Santa Monica College or any of its policies are encouraged to discuss them with the College Ombudsperson. The Ombudsperson provides support and encouragement to students, and attempts to present options and solutions. Complaints are handled with complete confidentiality on a case-by-case basis. *Students with complaints about a grade resulting from instructor mistake, bad faith, incompetence, or fraud must meet with the College Ombudsperson to attempt to resolve the grading dispute. Students are urged to meet with the Ombudsperson no later than October 15 for spring semester grades, November 15 for summer session grades, April 15 for fall semester grades, and May 15 for winter session grades.*

For further information, visit the Ombudsperson’s webpage (smc.edu/ombuds), send e-mail to ombuds@smc.edu, or call 310-434-3986. The office of the Ombudsperson is located in Room 124 of the Letters and Science building. Office hours are posted on the door and available on the Ombudsperson’s webpage. If the times are inconvenient, a special appointment can be arranged by leaving a voicemail message or sending e-mail to the Ombudsperson.

STUDENT JUDICIAL AFFAIRS

Santa Monica College students and faculty can turn to the Office of Student Judicial Affairs for due process in having problems solved, working out agreements, refuting false allegations, and resolving disputes fairly. The College Disciplinarian, counselors, and administrative support take a positive, comprehensive, and proactive approach to resolving problems, and provide a place for students and faculty to go for information and training in the areas of student conduct, academic honesty, behavior/anger management, and conflict resolution.

It is crucial for students to feel that their concerns are being addressed in a timely manner, before those concerns become disciplinary problems. It is just as crucial for members of the faculty to feel that they have support in dealing with extremely challenging and often disruptive students. The Office of Student Judicial Affairs works to strike a balance between the College’s community standards and individual behavior. When appropriate, the Office of Student Judicial Affairs provides referrals to other programs on the SMC campus.

The Office of Student Judicial Affairs interviews all parties named in police and referral reports. The College Disciplinarian — who has initial authority to suspend students for violations of the Student Conduct Code — conducts interviews, reviews all interview notes and information available, and makes final decisions regarding the outcome of disciplinary cases.

To find out more about the services and resources the Office of Student Judicial Affairs provides, see our website at smc.edu/disciplinarian or call 310-434-4220.

MATRICULATION COMPLAINTS

Students may file formal written complaints about the matriculation process with the Vice President, Enrollment Development. The complaints will remain on file for at least three years after they have been resolved and are subject to review by the Chancellor's Office as part of the statewide evaluation required under California Code of Regulations Title 5 §55512.

GRADE APPEALS

A student who wishes to appeal a grade must file a formal grade appeal petition *no later than* October 30 for spring semester grades, November 30 for summer session grades, April 30 for fall semester grades, and May 30 for winter session grades. However, students must meet with the College Ombudsperson at least 15 days before the deadline to discuss the grade appeal procedure and attempt to resolve the grade dispute informally.

According to State law, a formal grade appeal can only be pursued in cases where there has been instructor fraud, bad faith, incompetency, or a mistake. Before filing a formal grade appeal petition, a student must first discuss the situation with the College Ombudsperson. The Ombudsperson acts as a source of information, assistance, and referral; encourages informal conciliation between students and instructors; and seeks to resolve the grading dispute informally. The student bears the burden of proof. Instructors are expected to cooperate with the Ombudsperson.

After discussing a grade appeal with the College Ombudsperson, if there is no informal resolution satisfactory to the student and the student wishes to continue the appeal, the Ombudsperson will outline the procedure to be followed. The grade appeal petition must include a statement describing how the grade that was awarded was the result of instructor mistake, bad faith, incompetence, or fraud; no other reason is recognized. The Dean of Enrollment Services, who supervises the grade appeal process, may stop a grade appeal when there is no evidence of instructor mistake, fraud, incompetence, or bad faith. Unsubstantiated claims will be dismissed. Students and faculty are expected to provide a true and accurate account of the grade dispute. The Grade Appeal Committee may initiate disciplinary proceedings when in its judgment the information presented to the Committee was deemed to be fraudulent or fabricated. See smc.edu/ombuds for further information.

To schedule an appointment with the Ombudsperson, please send email to ombuds@smc.edu or call 310-434-3986.

APPEAL OF ACADEMIC AND PROGRESS DISQUALIFICATION

Students who wish to be reinstated at Santa Monica College after being disqualified from attending the College because of substandard academic performance or unsatisfactory progress may make an appointment in General Counseling & Transfer Services to discuss their situation with a counselor, review the mitigating circumstances that may have led to their disqualification, determine whether reinstatement at SMC is possible, and find out about the steps they must take to be reinstated. For details on reinstatement procedures, see the Academic and Progress Probation and Disqualification Policies section of this catalog. To make an appointment to meet with a counselor, visit General Counseling & Transfer Services or call 310-434-4210.

ACADEMIC CONDUCT APPEALS

A Santa Monica College student who has been accused of violating the SMC Honor Code has the right to appeal the action taken by the faculty member through the appeal procedures established by the College. Once notified of the alleged violation, the accused student has ten (10) business days to appeal the action to the Honor Council.

The student will be provided the opportunity for a conference with the College Disciplinarian in an effort to resolve the issue informally. The Disciplinarian (or designee) may confer with the faculty member, and if necessary, the department chair (or designee).

If no resolution is reached after an informal conference, the student may proceed with a formal appeal to the Honor Council. The petition (and any supportive documentation) must be filed with the Office of Student Judicial Affairs (or designee).

All instances of alleged SMC Honor Code violations are subject to review by the SMC Honor Council (SMC AR 4412). For details on the procedure for disputing a grade — for alleged instructor mistake, bad faith, fraud, or incompetence — see “Grade Appeals Committee” (SMC AR 4313), which is posted online (go to smc.edu/AR4000StudentServices). Please note: The Grade Appeals Committee does not handle appeals pertaining to accusations of academic dishonesty.

DISCIPLINARY HEARINGS AND APPEALS

Before any disciplinary probation, removal from extracurricular activities or programs, or suspension is imposed on a student, the student has the right to pursue the Hearing and Appeal Process, unless an immediate suspension is required to protect lives or property, or to insure the maintenance of order pending a hearing. The Hearing and Appeal Process is described in detail in the “Rules for Student Conduct” (SMC AR 4410), posted online (go to smc.edu/AR4000StudentServices).

PROGRAM REMOVAL APPEALS

Due process procedures exist to assist faculty and departments in removing a student from a program in which the student is unable to profit and/or a program in which the student's behavior is determined to be unsafe. In general, the overall process for determining whether a student meets the specific standards of a particular program may include up to three levels of intervention: the instructor

level, the program or department level, and the College level (joint administration-faculty committee).

Any student who wishes to appeal dismissal from a program may file the appeal with the Chair of the Program Standards Appeals Committee. The student will be able to present his or her case within ten (10) school days of filing. The committee hearings will be closed to the public.

GENERAL SMC COMPLAINT PROCESS NOTICE

Listed below are resources available to persons who wish to file a complaint at SMC. Students who have a complaint should go to the website for the applicable resource below and follow the complaint processes of that area.

RESOURCES	AREAS OF RESPONSIBILITY	CONTACT INFORMATION
Ombuds Office	The Ombudsperson acts as a listening ear, conciliator, mediator, and resource for students with problems involving SMC faculty, administrators/managers, staff, and other issues. The Ombuds Office can maintain confidentiality if requested. Please contact the Ombuds Office regarding: <ul style="list-style-type: none"> • Grade disputes. • Student complaints regarding faculty, administrators/managers, staff, or other issues at SMC. • Sexual harassment or violence. 	smc.edu/ombuds 310-434-3986
Student Judicial Affairs Office	The Student Judicial Affairs Office upholds the Student Conduct Code, the Academic Conduct Code, and the Honor Code to promote a safe learning environment at SMC. Please contact Student Judicial Affairs regarding: <ul style="list-style-type: none"> • The student discipline process or student discipline issues. 	smc.edu/judicialaffairs 310-434-4220
Admissions & Records Office	The Admissions & Records Office oversees matriculation-related processes, student records, and FERPA (the federal law mandating privacy of student information). Please contact the Admissions & Records Office regarding: <ul style="list-style-type: none"> • Complaints about the matriculation process. • Complaints about student records or FERPA-related concerns. • Challenging the content of student records. • Appeals concerning residency determination, loss of priority enrollment, petitions for special consideration. • Formal grade appeal petitions. 	smc.edu/admissions 310-434-4380
Office of Student Life	The Office of Student Life oversees matters related to student life on campus. Please contact the Office of Student Life regarding: <ul style="list-style-type: none"> • Complaints about publicity materials posted around campus that are deemed offensive. 	smc.edu/studentlife 310-434-8101
Campus Police Department	The SMC Campus Police Department provides law enforcement, crime prevention, investigation, security, and parking and traffic control services at SMC. Please contact Campus Police regarding: <ul style="list-style-type: none"> • Complaints about crimes (including sexual violence). Also, Campus Police can provide assistance with situations involving safety and emergencies. 	smc.edu/police 310-434-4300

continued on next page

RESOURCES	AREAS OF RESPONSIBILITY	CONTACT INFORMATION
Office of Human Resources	<p>The Office of Human Resources oversees H.R.-related policies and procedures at SMC. Please contact the Office of Human Resources regarding:</p> <ul style="list-style-type: none"> • Unlawful discrimination or harassment, including sexual harassment. • Complaints about violations of the District's policy regarding workplace/campus violence and anti-bullying. • Employee grievances under the District's collective bargaining agreements. • Complaints concerning District personnel. • For general assistance about complaints, information about where to file a complaint, and information about whistleblower complaints. 	<p>smc.edu/humanresources 310-434-4415</p>
Office of Risk Management	<p>The Office of Risk Management oversees environmental compliance, occupational health and safety, and the District's insurance coverage for property, liability, and workers' compensation. Please contact the Office of Risk Management regarding:</p> <ul style="list-style-type: none"> • Work-related injuries. • Student injuries. • Claims against SMC regarding injury or damage to persons or personal property. • Non-crime-related safety concerns. 	<p>smc.edu/riskmanagement 310-434-4102</p>
Confidential Reporting Hotline	<p>Complaints can be made to confidentially to the Confidential Reporting Hotline. Please contact the Confidential Reporting Hotline regarding:</p> <ul style="list-style-type: none"> • Complaints about unethical, illegal, or unsafe situations at SMC. 	<p>reportlineweb.com/smc 800-566-8240</p>
California Community Colleges Chancellor's Office *Non-SMC agency	<p>The Chancellor's Office is the agency that oversees the community colleges in California. SMC employees, SMC students, and members of the public who wish to file unlawful discrimination and harassment complaints, including sexual harassment complaints, can do so directly with the Chancellor's Office.</p>	<p>extranet.cccco.edu/Divisions/Legal/Discrimination.aspx 916-445-8752</p>
Accrediting Commission for Community and Junior Colleges (ACCJC) *Non-SMC organization	<p>ACCJC is the agency that oversees SMC's accreditation. Complaints regarding SMC's compliance with academic program quality and accrediting standards can be filed with ACCJC.</p>	<p>accjc.org/complaint-process</p>
California State Auditor Whistleblower Hotline California State Attorney General's Whistleblower Hotline California State Personnel Board *Non-SMC agency	<p>Reports about suspected improper activities of employers or complaints of retaliation resulting from whistleblower activities may be reported to these state agencies.</p>	<p>auditor.ca.gov/hotline 800-952-5665 oag.ca.gov/contact/whistleblower 800-952-5225 spb.ca.gov/whistleblower/ 800-653-1403</p>

Student Privacy Rights - Annual Notification

The Family Educational Rights and Privacy Act (FERPA) gives students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. California law requires that records be provided within 15 working days.

A student should submit to the Dean of Enrollment Services or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

A student who wishes to ask the College to amend a record should write the College official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the College decides not to amend the record as requested, the College will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the College discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The College discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the College has contracted as its agent to provide a service instead of using College employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for College.

Upon request, the College also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

FERPA requires that the College, with certain exceptions, obtain a student's written consent prior to the disclosure of personally identifiable information from the student's education records. However, the College may disclose appropriately designated "directory information" without written consent, unless the student has advised the College to the contrary in accordance with College procedures. The primary purpose of directory information is to allow the College to include this type of information from a student's education records in certain school publications. Examples include:

- A playbill, showing the student's role in a drama production;
- Honor roll or other recognition lists;
- Graduation programs; and
- Sports activity sheets, such as for wrestling, showing weight and height of team members.

Directory information, which is information that is generally not considered harmful or an invasion of privacy if released, can also be disclosed to outside organizations without a student's prior written consent. Outside organizations include, but are not limited to, companies that manufacture class rings or publish yearbooks. In addition, federal law requires the College to provide military recruiters, upon request, with certain directory information.

Students who do not want College to disclose directory information from their education records without their prior written consent should file a written request with the Admissions Office.

The College has designated the following information as directory information: student name; city of residence; age; major field of study; participation in officially recognized activities and sports; weight and height of members of athletic teams; dates of attendance; student photograph; degrees and awards received and most recent previous school attended.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

For a full explanation of FERPA and its implications for college students, please contact the Admissions Office.

Campus and Community Safety

The Board of Trustees of the Santa Monica Community College District has established a “Community College Police Department” — known as the SMC Police Department, and generally referred to as Campus Police — to protect the members of the College community and the property of the District.

Santa Monica College is committed to providing a safe and secure campus environment for students, faculty, staff, and visitors. College facilities are regularly patrolled 24 hours a day, seven days a week, by members of the SMC Police Department. SMC students are employed to work as Police Aides and, during evening hours, to accompany students and staff who request an escort to and from on-campus facilities. Abundant lighting is provided at all Santa Monica College campuses and parking lots.

The College also employs parking enforcement officers with training specific to parking enforcement and emergencies. Parking enforcement officers are not Peace Officers.

If you spot anyone suspicious, call Campus Police at 310-434-4300, (or dial ext. 4300 from campus phones), or use a campus emergency phone to seek help.

Santa Monica College works closely with local law enforcement agencies having dual jurisdiction for criminal matters. The College can request assistance for incidents that require resources not available to the SMC Police Department.

SMC POLICE DEPARTMENT (CAMPUS POLICE)

Under the general direction of the Chief of Police, the SMC Police Department ensures that reasonable protection is provided to members of the College community and the property of the Santa Monica Community College District by using methods that fit within and contribute to the educational philosophy and process of the College.

The SMC Police Department and its officers comply with the selection and training requirements of California Penal Code §13522. Campus Police officers receive the same training as municipal police officers or county deputy sheriffs, and they have Peace Officer authority under California Penal Code §830.32a and California Education Code §72330.

The SMC Police Department receives reports for all incidents occurring on SMC campuses and is responsible for investigating all campus crime. For services the SMC Police Department provides, see the Campus Police listing in the Programs and Services section of this catalog, or visit the SMC Police Department website (smc.edu/police).

Campus Police would like to remind all students, faculty, staff, and visitors at Santa Monica College that — *no matter where you are* — common sense goes a long way in preventing the possibility of becoming a crime victim. The following safety tips should be kept in mind at all times:

Protecting Your Personal Property

- Always secure your purse or backpack; never leave belongings unattended.
- Park in well-lighted areas away from shrubbery and other obstructions. Lock your vehicle, and take your

keys with you. Make sure your car’s window vents are secure. Put valuables in the trunk or out of sight.

- Always have your keys ready before reaching your car. Before you enter your car, check the back seat. If you spot anyone suspicious, call Campus Police at 310-434-4300, or use a campus emergency phone to seek help.
- To prevent car theft, consider using an ignition bypass switch or a steering wheel locking device. Car alarms are not recommended because they are often activated accidentally. If an unattended alarm goes off while your car is in a campus parking area, your car can be towed and impounded immediately. On the city streets, your car can be towed within 15 minutes. If your car is towed, you will have to pay a fee to reclaim it.

Making Yourself Less Vulnerable

- Attackers prefer passive victims. Project a positive, assertive body language. Know where you are going, and walk confidently. Take a good look at people around you and passing alongside you. Be alert.
- At night, walk with a friend or in a group, or use the campus escort service. To request an escort, call Campus Police.
- Choose well-lighted, well-traveled streets and walkways. If followed, walk or run to a safe place. Avoid isolated and poorly lighted areas. If you must walk alone, be alert and aware of your surroundings. If you sense a dangerous situation, avoid it or leave it.
- Never hitchhike or accept a ride from a stranger. Never give a ride to a stranger or casual acquaintance. If you use a bus, sit near the driver. Know your schedule in advance. Use well-lighted and well-used bus stops.
- If you walk or bike regularly to campus, choose well-lighted and populated areas. Vary your routes so that you are not predictable. Be aware of businesses that are open and other potentially safe places.

BICYCLES, MOTORCYCLES, MOPEDS, SKATEBOARDS, AND SKATES

In the interests of campus security, safety, and noise control:

1. Bicycles, motorcycles, and mopeds must be parked in designated areas.
2. Bicycles parked outside the designated areas may not be parked in any area that would interfere with pedestrian safety, handicapped access, or the performance of duties by the College’s gardeners and/or custodians.
3. Bicycles, motorcycles, and mopeds may not be taken inside of buildings. Bicycles secured improperly are subject to impound by Campus Police.
4. Riding motorcycles, mopeds, and bicycles on pedestrian walkways is strictly prohibited.
5. The use of skateboards, roller skates, and roller blades is prohibited on campus.

The College Community



Administration and Chairs

SENIOR ADMINISTRATION STAFF

Dr. Kathryn E. Jeffery Superintendent/President
 Chris Bonvenuto Vice-President, Business and Administration
 Donald Girard ... Senior Director, Government Relations and Institutional Communication
 Sherri Lee-Lewis Vice-President, Human Resources
 Teresita Rodriguez Vice-President, Enrollment Development
 Michael Tuitasi Vice-President, Student Affairs

ACADEMIC ADMINISTRATORS

Lydia Ayala Assistant Director, Athletics
 Rob Bailis Artistic Director, The Broad Stage/PAC
 Dr. Jason Beardsley Dean, Academic Affairs
 Deyadra Blye Project Manager, Student Care Teams
 Thomas Bui Interim Associate Dean, Student Life
 Dr. Walter Butler Director, Library and Information Systems
 Silvana Carrion-Palomares Project Manager, NSF Grant
 Dr. Dione Carter Dean, Academic Affairs
 Bonita Cooper Project Manager, Upward Bound
 Shari Davis Project Manager, Special Assignments
 Wendi DeMorst Interim Associate Dean, Student Instructional Support
 Dr. Kiersten Elliott Dean, Academic and Community Relations
 Reggie Ellis Director, Athletics
 Jennifer Ferro Director, KCRW Radio Station
 Jeffrey Gordon Project Manager, Interaction Design
 Dr. Tre'Shawn Hall-Baker Dean, Human Resources
 Jose Hernandez Interim Associate Dean, Outreach, Onboarding and Student Engagement
 Jose G. Hernandez Supervisor, Admissions and Records
 Mitchell Heskel Dean, Education Enterprise
 Tracie Hunter Associate Dean, Financial Aid and Scholarships
 Maral Hyeler Director, Instructional Services and External Programs
 Eartha Johnson Project Manager, Guided Pathways, Redesign, and SEAP
 Ferris Kawar Project Manager, Sustainability
 Sasha King Interim Associate Dean, Career Technical Education
 Dr. Denise Kinsella Associate Dean, International Education
 Lina Ladyzhenskaya Director, Student Judicial Affairs
 Dr. Hannah Lawler Dean, Institutional Research
 Aimee Lem Project Manager, Pico Partnership
 María León-Vázquez Project Manager Workforce Development
 Jeanette Lopez Project Manager, CCAMPIS Grant
 Sharlyne Massillon Project Manager, Basic Needs
 Nicholas (Nick) Mata Interim Associate Dean, Special Programs – Student Affairs
 Ashley Mejia Project Manager, Noncredit (Adult Education) Programs
 Dr. Elizabeth (Lizzy) Moore Dean, Institutional Advancement, SMC Foundation
 Dr. Maria Muñoz Interim Dean, Equity, Pathways, and Inclusion

Stacy Neal Director, Financial Aid and Scholarships
 Mike Newport Operations Manager, KCRW Radio Station
 Pressian Nicolov Dean, International Education
 Debbie Ostorga Project Manager, STEM
 Dr. Patricia Ramos Dean, Academic Affairs
 Dr. Janet Robinson Interim Dean, Counseling
 Robert Rudolph Production Manager, Facilities Programming
 Dr. Scott Silverman Interim Dean, Noncredit and External Programs
 Linda Sullivan Associate Dean, Facilities Programming
 Dr. Esau Tovar Dean, Enrollment Services
 Paul Trautwein Director, Web and Social Media Strategy
 Deirdre Weaver Director, Outreach and Onboarding Initiatives
 Catherine Weir Director, International Development
 Dr. Tammara Whitaker Interim Associate Dean, Online Services and Support
 Dr. Eric Williams Interim Associate Dean, Health Sciences
 Vanan Yahnian Project Manager, STEM

DEPARTMENT CHAIRS

Walter Meyer Art
 Lydia Strong Athletics
 Dana Nasser Business
 Dr. Nancy Grass Communication and Media Studies
 Howard Stahl Computer Science and Information Systems
 Deborah Perret Cosmetology
 Sara Nieves-Lucas Counseling
 Mark Tomic Dance
 Sheila Cordova Design Technology
 Dr. Eric Minzenberg Earth Sciences
 Gary Huff Early Childhood Education
 Elisa Meyer English
 Judith Marasco ESL
 Dr. Amina Khoja Health Sciences
 Dr. Sang Chi History
 Elaine Roque Kinesiology/Athletics
 Brenda Antrim Library
 Dr. Alexandra (Alex) Tower Life Sciences
 Dr. Colleen McGraw Mathematics
 Lourdes Arévalo Modern Languages and Cultures
 Dr. Brian Driscoll Music
 Dr. Christine Schultz Philosophy and Social Sciences
 Joshua Sanseri Photography and Fashion
 Dr. Sehat Nauli Physical Sciences
 Dr. Chante DeLoach Psychology
 Perviz Sawoski Theatre Arts

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Jamar London President

GENERAL ADVISORY BOARD 2020-2022

Chris Baca President

SMC ASSOCIATES 2022-2024

Rob Schwenker President

SANTA MONICA COLLEGE FOUNDATION 2020-2022

Margaret Sohagi Chair

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Ph.D., University College Cork, Ireland
- Broccard, Delphine Communication and Media Studies
B.A., Gustavus Adolphus College
M.A., Pepperdine University
- Brookins, Gregory..... Accounting
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M.A., University of Southern California
- Buckley, Alan D..... Political Science
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M.A., George Washington University
Ph.D., Columbia University
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- Carrasco, Salvador..... Film Studies
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M.A., Claremont Graduate School
- Chan, Nicole Graphic Design
B.A., Utah State University
M.A., Art Center College of Design
- Chantani, Evelyn..... Library
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J.D., University of Idaho
- Cheesman, James..... Music
B.M., California State University, Long Beach
M.M., University of Southern California
- Chen, Thomas..... Biology
B.S., Fu Jen University, Taiwan
M.S., Ph.D., University of Florida
- Chevant-Aksoy, Aurelie French
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M.A. University of Massachusetts, Amherst
Ph.D., University of California, Santa Barbara
- Chi, James (Sang)..... U.S. History
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M.A., University of California, Los Angeles
Ph.D., University of California, Berkeley
- Chin, Dorothy Psychology
B.A., Stanford University
M.A., Ph.D., University of Hawaii
- Chou, Lin-San..... Music
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Ph.D., University of Southern California
- Cordova Sheila..... Interior Architectural Design
B.A., M.A., Iowa State University
- Cramer, Timothy English
B.A., North Park College
B.S., M.A., Ph.D., University of Nebraska
Ed.D., University of Nevada
- Cruz, Maria Roxanne ... Librarian: Instruction and Reference
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M.S., University of North Texas
- Cue, Erin Psychology
B.S., Vanderbilt University
M.A., Ph.D., University of California, Los Angeles
- Cue, Jose..... Counseling
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- Dang, Tram Engineering/Physics
B.S., M.S., University of California, San Diego
- Darwiche, Jinan Computer Science/Programming
B.S., Kuwait University
M.S., University of London
- Davis Del Piccolo, Guido..... Sociology
B.A., M.A., University of California, Los Angeles
- Davison, George English
B.A., University of Arizona
M.A., California State University, Long Beach
- Dehkoda, Abbas Computer Science/Programming
B.A., National University of Iran
M.S., West Coast University
M.S., Southern Methodist University
Ph.D., Louisiana State University
- Del George, Dana English
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M.A., Ph.D., University of Southern California
- DeMorst, Wendi..... Director, Supplemental Instruction/Tutoring
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M.A., Chapman University
- DeLoach, Chante Psychology
B.A., University of North Texas
M.A., Ph.D., Azusa Pacific University

- Denmon, Andria Life Sciences
B.S., University of California, Irvine
Ph.D., William Marsh Rice University
- DeStefano, Janelle Music
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M.M., Westminster Choir College of Rider University
D.M.A., University of Southern California
- Dickinson, Lynn Media Production
B.A., Wayne State University
M.A., University of Southern California
M.A. University of Santa Monica
- Donahue, Nathaniel Art History
B.A., Boston College
M.A., Ph.D., The Institute of Fine Arts, New York
- Dong, Timothy Chemistry
B.A., California Institute of Technology
Ph.D., University of California, Los Angeles
- Donoso, Danilo Counselor, Center for
Wellness & Wellbeing
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Registered Respiratory Therapist

West, Edna A. Merchandising, Business Education, Emeritus
B.A., Santa Barbara State College
M.A., Claremont College
Ed.D., University of Southern California

White, Richard J. Mathematics, Emeritus
B.S., Muskingum College, Ohio
M.S., University of Southern California

Widdup, F. Vern .. Tool and Die-Jewelry Engraving, Emeritus
Teacher Training, University of California,
Los Angeles

Wilkinson, Robert J. Graphic Arts, Emeritus
B.V.Ed, California State University, Los Angeles

Wilson, W. Howard Art, Emeritus
B.S., University of California, Los Angeles

Wilson, Robert M. History, Political Science, Emeritus
A.B., Antioch College, Ohio
M.A., University of California, Los Angeles

Wilson, Virginia Physical Education, Emeritus
B.A., California State University, Long Beach
M.A., California State University, Los Angeles

Winsryg, Marian Art, Emeritus
B.A., Arizona State University
M.F.A., Otis Los Angeles County Art Institute

Wohlgemuth, Richard W. Physics, Chemistry, Emeritus
B.S., University of Southern California
M.A., Loyola Marymount University, Los Angeles

Womack, Carol Librarian, Emeritus
B.A., Syracuse University
M.L.S., University of California, Berkeley

Wong, Betty Mathematics, Emeritus
B.A., University of the Pacific
M.S., M.A., University of Southern California

Wray, Jennette S. Cosmetology, Emeritus
Teacher Training, University of California, Los Angeles

Wright, Jack Counseling, Emeritus
B.A., Ft. Hays Kansas State
M.S., Ft. Hays Kansas State

Wu, Xiaozhou (Joe) Chinese, Emeritus
B.A., Guanghi Teachers College
M.A., University of Washington
Ph.D., Emory University

Wyman, Susan V. German, Spanish, Emeritus
A.B., University of California, Davis
M.A., University of California, Irvine

Wynkoop, Garrett A. History, Emeritus
A.B., Occidental College, California
M.A., Ph.D., University of Southern California

Yarrish, Julie Associate Dean, Online Services
and Support, Emeritus
B.A., California State University, Northridge
M.A., Antioch University

Young, Bruce C. Geography, Emeritus
B.A., M.A., Ph.D., University of California, Los Angeles

Zavitkovsky, Docia Childhood Education, Psychology,
Emeritus
B.S., M.S., University of Southern California

Zehr, David English, Emeritus
B.A., M.A., California State University, Los Angeles
Ph.D., Indiana University

Zimmerman, William Computer Applications, Emeritus
B.A., Illinois State University System
M.A., California State University

Adjunct Faculty

(Assigned for Spring as of June 2022)

Abate, Alula Earth Sciences

Abatay, Victoria Health Sciences

Abatemarco, Anthony M. Emeritus Program

Abbani, Mohamad A. Physical Sciences

Abelew, Sheryl D. Health Sciences

Abich, Michelle L. Life Sciences

Abode, Jr, Peter J. Design Technology

Abramyan, Meline Counseling

Achorn, John C. Emeritus Program

Ackerson, Andrea K. Life Sciences

Acuna, Guillermo Music

Adair, Jeffrey S. Design Technology

Adams, Emma E. Life Sciences

Adams, Jeanne-Marie Counseling

Adams, Lisa K. Emeritus Program

Adams, Ryan J. Counseling

Adelman, Alan Communication and Media Studies

Adjei, Ashley M. Counseling

Adkins, Linda Counseling

Adler, Eve Health Sciences

Aguiar, Joshua A. Music

Ahmadpour, Alireza Art

Akers, Patricia A. Emeritus Program

Al Rifaa, Kinda Modern Languages and Cultures

Albert, Gloria S. Emeritus Program

Alexander, Diaris Graphic Design

Alexander, Jillian S. Business

Alfaro, Mary Music

Alfaro, Smith Emmanuel Athletics

Allain, Angelique S. Modern Languages and Cultures

Allen, Anne Marie Photography and Fashion

Allen, Jeremiah R. English

Alvarado, Ricardo Health Sciences

Alvarez, Brenda Counseling

Alvarez, Celina Business

Alvarez Hernandez, Liliana .. Education and Early Childhood

Alviso, Jesus R. Music

Ambrosio, Edwin Oliver A. CSIS

Anderson, Carl B. Theatre Arts

Anderson, Dale Steven Photography and Fashion

Anderson, Enoch English

Andre, James M. Business

Andrews, Charles	Athletics
Andrews, Tamar D.....	Education and Early Childhood
Ankeny, Krista L.....	Athletics
Antoine, Ellen R.....	Philosophy and Social Sciences
Antonio, Angelo	English
Anvari, Sam S.....	Design Technology
Anzelc, Lacey L.	Theatre Arts
Apelian, Colette D.	Art
Arabi, Masoumeh	Physical Sciences
Arakelian, Arek	Business
Arakelyan, Hasmik.....	Psychology
Arbury, David	Music
Ardell, Jan B.....	Photography and Fashion
Arias-Young, Tersi	Earth Sciences
Arms, Emily D.	English
Armstrong, Jemi I.	Photography and Fashion
Arroyo, Fernando	Music
Arutian, Carol L.....	Art
Asadyan, Anahit	Mathematics
Askarian, Sohail N.....	Mathematics
Assadi, Jilla	Cosmetology
Austin, David C.....	Life Sciences
Avalos, Rebecca	Communication and Media Studies
Axelrod, Lee	Counseling
Aybay Owens, Seda	Dance
Babakhanlou, Madlina	Physical Science
Backlar, Nair P.	Education and Early Childhood
Bagamaspad, Marian Rose S.....	Counseling
Balacanao, Darryl	English
Balakin, Andrey G.....	Physical Sciences
Balonkita, Jonathan.....	Health Sciences
Banks, Charles A.....	Health Sciences
Banuelos, Maibe	Counseling
Barnard, Eric	Counseling
Barnhart, Eric	English
Barron, Eric A.	Athletics
Bartlett, Delland D.....	Physical Sciences
Baskauskas, Vytautas A.	Mathematics
Bastian, Maurice	Design Technology
Basurto, Daisy	Counseling
Batura, Tanya	Art
Bauckus, Susan J.....	Modern Languages and Cultures
Bauer, David.....	Physical Science
Bautista, Cynthia	Library
Bayssa, Beyene T.....	Mathematics
Beasley, Fletcher	Design Technology
Beckwith, Sharon E.....	Life Sciences
Beeler, Marieke	Communication and Media Studies
Bell, Sharon L.....	English
Belloso, Sergio A.....	Counseling
Benditson, Aaron	Athletics
Bennet, Sage E.....	Philosophy and Social Sciences
Bennett, Johanna L.....	Kinesiology/Physical Education
Benson, Jesse K.....	Emeritus Program
Berbo, Asseneth E.	Life Sciences
Bergstrom, Lori M.	Communication and Media Studies
Bermudez, Jr, Noel A.....	Communication and Media Studies
Berry, Melanie.....	Art
Berry, Nyree	Phil & Social Science
Bertell, Meghan Rose	Kinesiology/Physical Education
Besler, Ian H.	Design Technology
Bezrati, Sumaya	Modern Languages and Cultures
Billingslea, Niki	English
Birnbaum, Michael J.....	Communication and Media Studies
Biteng, Chona	Health Sciences
Blackwood, Karla	Art
Blye, Deyadra M.....	Counseling
Bolelli, Daniele	History
Bolus, Michael P.....	Communication and Media Studies
Bonar, Hugh S.....	English
Boretz, Marianne S.....	English
Borgardt, Marianne L.....	ESL
Bostick, Jason D.....	English
Bostwick, Lois H.....	ESL
Boyd, Porsha A.	Counseling
Boyden, Lynn.....	Design Technology
Bravo, Nicholas.....	Counseling
Brewington, Ronald H. ..	Communication and Media Studies
Brickley, Briana.....	Philosophy & Social Sciences
Briggs, Timothy H.	Photography and Fashion
Brinkman, Charles R.	Counseling
Britton, Aida	Mathematics
Bromberg, Terri L.	Art
Bronie, Barbara L.....	Mathematics
Bronstein, Michael G.....	ESL
Brown, Bruce C.....	Philosophy and Social Sciences
Brown, Maynard W.	Business
Brown, Steven S.	Design Technology
Bryant, Marcus.....	Kinesiology
Bryant, William	Emeritus Program
Buckner, Kenneth D.	Emeritus Program
Buderwitz, Tom	Theater Arts
Bulger, Jennifer	Counseling
Bullock, Jennifer A.....	Athletics
Bumbera, Natalie J.	English
Burchman, Jerrold H.....	Art
Burger, Alice.....	Art
Burle, Nathalie.....	Modern Languages
Burkhart, Gerard J.....	Communication and Media Studies
Butterworth, Patricia R.	Life Sciences
Byrd, William	Life Science
Byrne, David	History
Cabral, Rebecca	Counseling – DSPS
Calderon, Sally.....	Counseling
Calderon-Zaks, Michael A.....	Philosophy and Social Sciences
Calzatti, Natasha	Photography and Fashion
Camacho, Juan	Counseling
Camilleri, Garret.....	Theater Arts
Camilo, Jaime	Business
Cammayo, Christian	Kinesiology/Athletics
Canada, Sue A.	CSIS
Candelaria, Candelyn	Modern Languages and Cultures
Canela, Marisela	Counseling
Canellias, Laura M.....	Dance
Captor, Roxanne	Communication and Media Studies
Carbajal, Enrique	Health Sciences
Carballo, Pebble S.	Business
Cardenas, Nancy	Counseling
Cardenas, Troy P.	English
Carey, Romeo T.	Communication and Media Studies
Carillo, Oscar	Kinesiology/Athletics
Carlson, Kevin D.	Mathematics
Carlucci, Michael A.....	Communication and Media Studies
Carpenter, Mary K.....	Library
Carroll, Claudia A.....	Counseling
Carson, Jennifer	Physical Sciences
Carter, Tanja D.	Philosophy and Social Sciences
Carter-Daley, Juliet.....	Health Sciences
Carty, Brian	Mathematics
Cascino, Natalia V.....	Athletics

Case, Sarah A.....	Modern Languages and Cultures	Crawford, Aaron.....	Sociology
Casillas, Veronica	Counseling	Cruz-Araujo, Helder F.....	Life Sciences
Cass, Kathy	Emeritus Program	Cruz, Jaime S.	History
Castillo, Veronica J.	Counseling	Cutler, Ellen	DSPS
Castro, Elizabeth A.	Counseling	Dabagh, Safaa M.	Mathematics
Castro, Lilliana	Design Technology	Dabagh, Hadi.....	CSIS
Ceballos, Bernard A.....	Dance	Dahm, Katie.....	Counseling
Ceballos, Brandon A.....	Cosmetology	Daily, Micah S.....	Philosophy and Social Sciences
Centanino, Araceli	History	Dana, Mark	Modern Languages and Cultures
Cerda, Jessica	Counseling	Daniel, Charles V	Business
Chambers, Christian	Athletics	Daniels, Robin	Communication and Media Studies
Chambers, Christie	Psychology	Darden, Christopher A.	Business
Chan, David	Design Technology	Dastin, Elizabeth R.....	Art
Chan, Hok Yan J.....	Mathematics	David, Paul A.	Mathematics
Chandler, Meghan M.	Art	Davis-King, Donna T.	Psychology
Chang, Sarah X.	Counseling	Davis, Carol V.	English
Chapman, Karen R.....	Music	Davis, Herlitz A.	Life Sciences
Charles, Victoria H.....	Earth Sciences	Davis, James A.....	Design Technology
Chau, Evelyn	Mathematics	Davis, Linda	Counseling
Chavez, Elizabeth C.	Kinesiology/Physical Education	Davis, Mia N.	Counseling
Chen, Aimee H.....	Communication and Media Studies	Davis, Shari L.	Philosophy and Social Sciences
Chen, Tzu-Chin	Modern Languages and Cultures	de Anda, Ismael.....	Art
Cheng, Tanshee T.....	Mathematics	De Caussin, Jennifer R.	Counseling
Cheung, Kwun H.....	Physical Sciences	De Jong, Onno F.	Design Technology
Chiba, Sarah	Emeritus Program	De La Garza, Mariana	Counseling
Chicas, Herbert K.....	Communication and Media Studies	De Villers, Linda C.....	Psychology
Chin, Lyanne Huy Yi.....	Life Science	Dean, Christopher R.....	Mathematics
Chitgar, Michael H.....	Mathematics	Decemvirale, Suzanne	Art
Cho, Michael	Mathematics	Dee, Douglas	Kinesiology/Athletics
Chow, Tiffany	Art	Dee, Douglas	Emeritus Program
Chung, Glen G.	Physical Sciences	Dell, Maria M.	Life Sciences
Churches, Nathan.....	Life Science	Dellapasqua, Laila C.	ESL
Clark, Craig	Design Technology	Demel, Vivika B.	Counseling
Clark, Gerald B.....	CSIS	Demirijian, Natalie	Life Sciences
Clausen, Andrew I.	Business	Dempsey, Amy L.....	English
Clayborne, Dontraneil	History	Denman, John F.....	Earth Sciences
Cliett, Victoria.....	English	Desai, Daven H.	English
Cohen, Martin A.	Emeritus Program	Deuel, Erika M.....	Counseling – DSPS
Cohen, Martin M.....	Earth Sciences	Dhar, Gautam	Physical Sciences
Cohn-Schneider, Rachelle	Counseling	Diaz, Camille Y.....	Health Sciences
Cole, Brian M.....	Modern Languages and Cultures	Diaz, David.....	English
Coleman, Darryl Kevin...	Communication and Media Studies	DiCamillo, Nicholas	Cosmetology
Colmer, Ian H.....	English	Dickinson, Lynn M.	Communication and Media Studies
Combs, Gerald E.....	Business	Directo, Nathan	Physical Sciences
Combs, Jordi B.....	ESL	Dishman, Wendy H.....	Philosophy and Social Sciences
Comrie, Akiko K.....	Modern Languages and Cultures	Dixon, Michael J.	English
Conley, Timothy	Communication and Media Studies	Do, Minh H.	Physical Sciences
Constantin, George N.....	English	Dokos, Pericles	Mathematics
Contarsy, Steven A.	Kinesiology/Physical Education	Donon, Stephanie G.	Design Technology
Cooke, Elna	Photography and Fashion	Dorn, Taylor.....	Earth Sciences
Cooper, Daniel J.	Counseling	Douglass, Julie T.	ESL
Cooper, Marsha	Emeritus Program	Drake, Vicki.....	Earth Sciences
Cooper, Sylvia A.	Photography and Fashion	Druckman, Christine J.	Kinesiology/Physical Education
Cope, Jeffrey A.	Earth Sciences	Druker, Stephen L.....	Psychology
Coplen, Joshua S.....	Business	Dumitriu, Elena	Kinesiology/Physical Education
Cordeiro, Rebekah C.....	Physical Sciences	Dunphy, Barbara E.	Design Technology
Cordova Guerrero, Jesus.....	Physical Sciences	Duran, Angelica	English
Corea, Imelda O.	Health Sciences	Dwyer, Francis (Frank)	Emeritus Program
Corona, Gabriela C.	Counseling	Eastcott, Merrill B.	Kinesiology/Physical Education
Cortrite, Michael D.....	Kinesiology/Physical Education	Easton, Julie A.	Noncredit Education
Courtney, Angela	Life Sciences	Ebrahimi, Hossein Pasha	Physical Sciences
Courto, Lisa	Counseling	Ebrami, Linda	Counseling
Covitt, Gary S.....	Life Sciences	Edelmann, Catherine	English
Cowan, William	History	Edmonds, Mark	CSIS
Coya, Brandon.....	Mathematics	Edson, Melissa E.....	Counseling

Edwards, Scott	Communication and Media Studies	Gardner, Margaret	Modern Languages and Cultures
El-Khoury, Naja R.....	CSIS	Garnica, Alicia M.	English
Ellsworth, William	Design Technology	Garris, Maxwell	Kinesiology/Athletics
Elsayed, Nora.....	Health Sciences	Gaydos, Sophia C.....	Dance
England, Andrew M.....	Mathematics	Geddes, Jr, James K.....	CSIS
Esfandyari, Shaghayegh	Theatre Arts	Gee, Marissa.....	Kinesiology/Athletics
Eskridge, Brian M.	Athletics	Gerds, Eric L.....	Design Technology
Esmaeili, Akram	Mathematics	Geske, Patrick.....	Design Technology
Espinal, Juliana	Modern Languages and Cultures	Ghabaei, Bahram (Barry).....	English
Espinoza, Jacqueline N.	Counseling	Gharamanians, Jilbert	Mathematics
Esquivel, Elizabeth.....	Counseling	Gheytanchi, Elham	Philosophy and Social Sciences
Estrada, Consuelo	Counseling	Gifford, Margaret E.....	Physical Sciences
Estrella, Donna J.....	Health Sciences	Giggans, James H.....	Communication and Media Studies
Evans, Jami R.....	Counseling	Gildner, Barbara J.....	English
Evinyan, Zarik	Mathematics	Gill, Anita M.	ESL
Ezirim, Jovita	Nursing	Gizaw, Astatke	Mathematics
Falce-Robinson, Juliet.....	Modern Languages and Cultures	Glenn, Mariah	Counseling
Farber, Georgia	Nursing	Gliadkovskaya, E.....	Music
Farivar, Djamshid	Physical Sciences	Glover, Taylor.....	Kinesiology/Athletics
Farquharson, Nadine.....	Nursing	Godoy, Nastassia.....	Counseling
Farschman, Kurt V.....	Communication and Media Studies	Goldbaum, Jesse M.	Earth Sciences
Feingold, Hadar Dara.....	DSPS	Goldenson, Richard M.....	Athletics
Felder, Ronnie D.....	Welcome Center	Golder, Lauren.....	History
Feldmeier, Kenneth.....	Earth Sciences	Goldstein, Martin M.....	Communication and Media Studies
Felix, Felipe	Cosmetology	Gonzalez, Angelica	Counseling
Fennoy, Sheila L.	Life Sciences	Gonzalez, Bernice.....	Counseling
Fetzer, Gail C.	Communication and Media Studies	Gonzalez, Krysten D	Counseling
Fickbohm, David J.....	Life Sciences	Gonzalez, Sara G.....	English
Figueroa, Ana	Modern Languages and Cultures	Goode, S. S.	English
Finch, Leland A.....	Counseling	Gordon, Jeffrey C.	Counseling
Finley, Susan F.....	Counseling	Gorgie, Frank J.....	Philosophy and Social Sciences
Fisher, Jeffery	Kinesiology	Gothold, Julia	DSPS
Fitzgerald, Ronald L.....	Business	Gougis, Michael J.	Communication and Media Studies
Flood, Stephen W.....	Communication and Media Studies	Gould, Alyson H.....	Counseling – DSPS
Flores, Bonnie B.	Health Sciences	Graves, Lee P.....	Mathematics
Flores, Manuel.....	Life Science	Gray, Gary L.....	Music
Floyd, Jason M.....	Theatre Arts	Grebler, Gillian	Earth Sciences
Folland, Thomas F.	Art	Greenfield, Julie	Counseling
Forbes, Junko	Math	Gregory, Christina M.....	Photography and Fashion
Forde, Ashley J.	Education and Early Childhood	Gregory, Deborah K.....	Design Technology
Foreman, Nancy J.....	Mathematics	Greiner, Katlyn	Art
Fouser, David C.	History	Grenot, Teresa L.....	Library
Fouts, Gary A.....	Earth Sciences	Griffis, Kathy.....	Life Sciences
Fox, Catherine H.....	Life Sciences	Griffith, Mary.....	English
Fox, Jr, Robert W.....	Emeritus Program	Grippo, Alessandro	Earth Sciences
Fox, Matthew P.....	Counseling	Grodsky, Renee	English
Frاند, Lois	Emeritus Program	Grollmus, Daniel P.....	Mathematics
Frantz, Rebecca	Art	Groper, Richard P.....	Philosophy and Social Sciences
Freeman, Daniel	Athletics	Guevara, Julyssa	Counseling
Fry, Gregory P.....	Mathematics	Gunn, Adrienne C.....	Education and Early Childhood
Fujii, Allison M.....	Counseling	Gupta, Rishab K.....	Life Sciences
Fujiwara, Melissa.....	Philosophy and Social Sciences	Gurjian, Karineh	Photography and Fashion
Funes, Dennis E.....	Counseling	Gurrola, Deanna M.....	Counseling
Gabbay, Cecilia C.....	Business	Gurtovoy, Jason	Philosophy and Social Sciences
Gaines, Scott G.....	Modern Languages and Cultures	Gutierrez, Cristina	Outreach and Recruitment
Gannen, Barbara	Emeritus Program	Gutierrez, Veronica M.....	Counseling
Garcia, Amanda K.....	Counseling	Hackeling, Joan	Earth Sciences
Garcia, Cristina J.....	Counseling	Hackerman, Isabella	Art
Garcia, Jessie L.	Counseling	Hackett, Cedric D.....	Counseling
Garcia, Jonathan	Design Technology	Haghighat, Marziyeh	Life Sciences
Garcia, Kim	Art	Haghoo, Majid	CSIS
Garcia, Mario S.....	English	Haig, Jeffrey D.....	Business
Garcia, Ricardo M.....	History	Haig, Jeffrey S.....	Business
Garcia, Veronica A.....	Counseling	Hall, Jenney M.....	Earth Sciences
Gardner, Alexander	Modern Languages and Cultures	Hall, Joanne E.....	English

Hall, Stephanie	Counseling
Halliday-Robert, Catherine E.....	Business
Hallquist, Sommer Lilley.....	Art
Hamada, Mik J.	English
Hamilton, Kristi N.	International Student Center
Hanounek, Talar H.....	Business
Hansen, Natalie C.....	English
Hanson, Maria P.....	Business
Haradon, Catherine M.....	Earth Sciences
Hardacredecerqu, Bahiyiyih L.	ESL
Harjuno, Thomas	Mathematics
Harmon, James M.	Music
Harrison, Adam B.	Art
Harrison, Amanda Marie.....	English
Harrison, Hubert L.....	Cosmetology
Harriston, Ryan.....	English
Hartmann, Veronica	Counseling
Harvey, Lynn	ESL
Hashimoto, Yuria	Modern Languages and Cultures
Hassman, Tupelo	English
Havener, Jennifer K.....	English
Hawk, Rasheeda	Life Sciences
He, Fendi Y.	Mathematics
Heaton, Warren B.	Design Technology
Heimann, Roleen Y.....	Education and Early Childhood
Henderson, John M.	Physical Sciences
Here, Baz	Photography and Fashion
Hermosillo, Angelica M.....	Counseling
Hernandez-Cabre, Edith.....	Counseling
Hernandez, Adrianna	English
Hernandez, Justin	English
Hernandez, Sandra E.....	Counseling
Hernandez, Yuniur O.....	Counseling
Hero, Christopher J.	Emeritus Program
Hertz, Uri L.	English
Heskin, Alyssa.....	Counseling
Hesser, Martina	Art
Hetz, Matthew L.....	Emeritus Program
Hickey, Erin.....	Counseling
Hicks, Lori E.	Business
Hill, Erin T.	Communication and Media Studies
Hill, Robin L.	Design Technology
Hirst, Victoria M.	Health Sciences
Hirugami, Erika	Art
Hludzik, Elizabeth A.....	Theatre Arts
Holmes, Wendy J.....	ESL
Holt, Drewry K.	Music
Holtzermann, Charlotte	Emeritus Program
Horn, Sabena L.	Cosmetology
Hotsinpiller, Sira S.	CSIS
Howard, Bonnie	Communication and Media Studies
Howard, David B.....	Communication and Media Studies
Huang, Carrie Y.....	Mathematics
Hubble, Brittany	Communication and Media Studies
Huerta, Robert	Art
Huffaker, Phildon	Philosophy and Social Sciences
Hughes, Brenden.....	Theatre Arts
Hughes, Christina	Philosophy and Social Sciences
Hull, Chelesa.....	English
Huls, Jon M.....	Earth Sciences
Humphrey, Theodore F.....	English
Huner, Karen A.	Kinesiology/Physical Education
Hunter, Raymond T.	Business
Hurd, Christopher M.	Counseling
Hurley, Daniel P.....	CSIS
Ijames, Susan V.	Cosmetology
Inabu, Tiffany M.....	Counseling
Inamdar, Niraj K.	Physical Sciences
Ireland, Sean P.	English
Islas, Veronica I.	Health Sciences
Isner-Ball, Dominique R.....	Modern Languages and Cultures
Jabbari-Kohnehs, Niloufar	Health Sciences
Jackson, Antonya E.....	Counseling
Jackson, Linda R.	Emeritus Program
Jacobs, Reuben E.....	Design Technology
Jaeger, James E.	Emeritus Program
Jaffe, Adrienne O.....	Emeritus Program
Jamalpanah, Saba	Health Sciences
James, Nicole M.	Art
Janakos, Linda D.....	English
Janssen, Dirk P.....	Psychology
Jayachandran, Sanjay	Life Sciences
Jefferson, Sherece N.	Counseling
Jiang, Jian	Mathematics
Jimenez, Benjamin S.....	Mathematics
Jimenez, Jorge	Art
Jinol, Jose	Health Sciences
Johnson, Destiny Melody A.....	Counseling
Johnson, Donald J.....	English
Johnson, Glenda	Counseling
Johnson, Jana J.....	Life Sciences
Johnson, Jay P.	Emeritus Program
Johnson, KeChaunte.....	Life Science
Johnson, Tristan.....	Philosophy and Social Sciences
Johnston, Sachi K.....	Modern Languages and Cultures
Joller, Gian-Martin	Art
Jones, Susan	English
Jordan, Angela N.	Dance
Jordan, Elizabeth A.....	Life Sciences
Joshi, Kanak	Noncredit Education
Juan, Mercedes	Music
Jung, Doranne	Business
Junghahn, Lisa	Business
Junghahn, Lisa A.....	Library
Junius, Jermaine A.....	Communication and Media Studies
Kaftan, Jod.....	Design Technology
Kahn, Andrea B.....	ESL
Kaimikaua-Green, Charmaine I.	Communication and Media Studies
Kalafer, Francine	Kinesiology/Physical Education
Kalisch, Nicolai A.	CSIS
Kamaga, Carina N.	Physical Sciences
Kamin, Gerald	Mathematics
Kang, Kyungkook.....	Philosophy and Social Sciences
Kanjanapangka, Julie	Life Sciences
Kaplan, Samara.....	Art
Karakus, Karina.....	Philosophy & Social Sci
Karimian, Narineh	International Student Center
Karkafi, Robert H.....	Mathematics
Karol-Crowther, Cathy I.....	Design Technology
Karron, Robert	English
Kato, Nina K.....	Modern Languages and Cultures
Kauffman, Sara R.....	English
Kaufman, Doris	Kinesiology/Physical Education
Kaufman, Steven M.....	Philosophy and Social Sciences
Kay, Benjamin W.	Life Sciences
Kayzakian, Yvette	CSIS
Kearin, Jeffrey L.....	Athletics
Keating, Amanda.....	Earth Sciences
Kelley, Michael	Design Technology

Kemitch, Francesca A.	Modern Languages and Cultures
Kemper, Dawna E.	English
Kennison, Rachel L.	Counseling
Kent, Max L.	History
Kepler, Jocelyne M.	Cosmetology
Keskinel, Meric	Philosophy and Social Sciences
Keville, Thomas J.	History
Khachmany, Sofi	Photography and Fashion
Khokha, Ellen W.	Education and Early Childhood
Kigozi, Jean	Life Science
Kim, Eunhye	ESL
Kim, John S.	Design Technology
Kim, Jong-Ho J.	Mathematics
Kim, Julie S.	Business
Kim, Jungeun	Music
Kim, Michael S.	Business
Kim, Soojin	Counseling
Kim, Sungjin	Mathematics
Kim, Timothy J.	Design Technology
King, Ryan	Kinesiology/Athletics
Kinzler, Debilyn.	English
Kirk, Angie	English
Kitazono, Yuka	Modern Languages and Cultures
Kiyohara, Majken	Health Sciences
Klautky, Ewald K.	Design Technology
Klein, Melanie C.	Philosophy and Social Sciences
Klugman, Ellen B.	Business
Knight, Ridgway B.	Business
Knox, Erika	Counseling
Ko, Hyunjin	Physical Sciences
Kocharian, Armen	Physical Sciences
Kol, Koda T.	CSIS
Kolko, Susan R.	Photography and Fashion
Kompaneyets, Marc	Art
Kono, Ana	Business
Konno, Mamiko K.	Modern Languages and Cultures
Kranz, Jack	Earth Sciences
Kronsberg, Graeme J.	Emeritus Program
Kroupa, Richi A.	Modern Languages and Cultures
Kugel, Nataliya	ESL
Kumuryan, Arpi	Counseling
Kunimoto, Trisha A.	ESL
Kurtz, Keith A.	CSIS
Kurvink, Steven	Philosophy and Social Sciences
Kwack, Jessica B.	Communication and Media Studies
Laffey, Sheila A.	Emeritus Program
Lai, I-Shen	Mathematics
Lake, Robin G.	Photography and Fashion
Lam, Judy	Counseling
Lamarra, Franco	Business
Lan, Hua	Mathematics
Lantz, Philip D.	Counseling
Lashgari, Rensel, Mahafarid	Modern Languages and Cultures
Le, Michelle K.	Life Sciences
Le, Tuyen	Earth Sciences
Leeper, Laura E.	Art
Leddy, George	Earth Sciences
Lee, Jennifer M.	Modern Languages and Cultures
Lee, Joan.	Counseling
Lee, Kuen H.	Mathematics
Lee, Oh Mee	Art
Leech, Marla R.	Communication and Media Studies
Legrande, Everett	English
Lehman, Daniel N.	Library
Lem, Aimee M.	Counseling
Lemon, Daryl R.	Kinesiology/Physical Education
Lemon, William	English
Leong, Jonathan R.	Kinesiology/Physical Education
Lev, Natalya R.	Physical Sciences
Leveque, Victoria F.	ESL
Levy, Barrie	Kinesiology/Physical Education
Lew, Florissa	Health Sciences
Lewis, Benjamin J.	Modern Languages and Cultures
Lewis, Kathlene	Photography and Fashion
Lezo, Alexandra	Art
Li, Guangming.	Modern Languages and Cultures
Liao, Guojiao	Mathematics
Lichtscheidl, Alejandro G.	Physical Science
Lieb, Jasmine B.	Emeritus Program
Lim, Julie Y.	Cosmetology
Lim, Winnie Y.	Business
Lincoln, James	Physical Sciences
Lipman, Lior	Athletics
Liu, Christopher	Physical Sciences
Livshin, Bella S.	Kinesiology/Physical Education
Lokeni, Kare'l.	Counseling
Lopez, Jeanette	Education and Early Childhood
Lopez, Jesus E.	Mathematics
Lorenzi, Paola	Modern Languages and Cultures
Louis, La Tanya N.	Photography and Fashion
Luu, Khanh H.	Health Sciences
Lynch, John J.	English
Lynch, Skye H.	History
MacGillivray, Ian J.	Design Technology
Mackay, Amy	Art
Macias Limon, Carmen	Counseling
Macias, Jonathan F.	Business
Magar, Christine	Design Technology
Magno, Hector R.	Design Technology
Maidenberg, Justin D.	Athletics
Maier, Lisa S.	Business
Maiorano, Susan M.	Counseling
Majlessi, Abdolvahab	Physical Sciences
Majstorovic, Mina	Art
Maknouni, Mehrzad	Mathematics
Maldague, Jean-Michel	Mathematics
Maldonado, Shauna M.	Education and Early Childhood
Mammarella, Candace J.	Art
Man, Sui	Mathematics
Mandia, Christopher P.	English
Manoff, Ricky J.	History
Manojlovic, Maja	Communication and Media Studies
Manookian, Noel	Mathematics
Manseau, Fred J.	Emeritus Program
Mantabe, Patricia O.	CSIS
Marchand, Kenneth A.	CSIS
Mardirosian, Robert	Mathematics
Mares, Samuel	Business
Margolis, Daniel L.	Business
Margolis, Fern S.	Modern Languages and Cultures
Marino, Jessica M.	History
Markey, Deante J.	Health Sciences
Marquez, Alvaro	Art
Marquez, Carlos R.	Welcome Center
Marschall, Brett A.	Philosophy and Social Sciences
Marsh, Brandi D.	Counseling
Martentung-Palan, Nolito	Counseling
Martin, Aric F.	Theatre Arts
Martin, Ben S.	Communication and Media Studies

Martinez-Contre, Rosaura	Counseling	Mosley, Keena R.....	Education and Early Childhood
Martinez-Gil, Cecilia	English	Moulton, Steven A.	Photography and Fashion
Martinez, Denise M.....	Counseling	Moy, Don N.	Emeritus Program
Martinez, Esmeralda	Counseling	Mozafari, Lily	Counseling
Martinez, William	Counseling	Mukai, Moena	ESL
Martorello, Janet M.	Emeritus Program	Mumba, Alicia I.	ESL
Marutyan, Nelli	ESL	Murphy, Eugene M.	English
Marx, Jeffrey A.	Emeritus Program	Murphy, Tony J.....	Physical Sciences
Masihi, Karineh M.	Design Technology	Myers, Alannah M.....	Cosmetology
Mason, Jennifer	Earth Sciences	Myers, Albert D.	Photography and Fashion
Massilon, Sharlyne	Counseling	Myers, Bob E.	History
Matheson, Catherine C.	Psychology	Nagel, Janet G.	Design Technology
Matthews, Monique N. .	Communication and Media Studies	Nakao, Patricia	Counseling
Mattsson, Mikael F.....	Theatre Arts	Nalepa, Laura L.....	Business
Maync, Tania M.....	History	Nam, Victorya S.....	ESL
Mayorga, Arlyn	Health Sciences	Nardini, Afrodite S.....	Emeritus Program
Mazzara, Evemarie	Design Technology	Narrie, Marc L.	Counseling
McBride, Kymberlyn R.....	Counseling	Nelson, Jennifer.....	Graphic Design
McCarthy, Tara A.....	Counseling	Nelson, Launa A.....	English
McDonald, Karen E.....	Dance	Nelson, Patricia M.	English
McDonald, Sean D.....	Photography and Fashion	Nelson, Robert E.	Life Sciences
McGee, Nicola	Noncredit Education	Newell, Quincy C.	Business
McGrath, Marilyn T.	Education and Early Childhood	Nex, Anthony J.	Photography and Fashion
McGuire, Mary C.	Art	Nguyen, Long V.	CSIS
McHenry, Bart	Theatre Arts	Nguyen, Thi H.....	Physical Sciences
McKeown, Kevin O.	Music	Nieves, Osbaldo	Counseling
McLaughlin, Diane	Life Sciences	Nishijima, Ryoko.....	Modern Languages and Cultures
McMillen, Ryan	History	Nishiyama, Tara K.....	Counseling
Medvedev, Natasha	Art	Noonan, Ian	Design Technology
Meeks, Christopher	English	Norris, TJ.....	Art
Meir, Natalie K.	English	Novak, Deborah S.....	Life Sciences
Mejia Leiva, Cesar N.....	Physical Sciences	Nunez, Maria.....	Nursing
Melamed, Niloufar	Communication and Media Studies	Nunez-Mason, Rebeca E.	Counseling
Melendez-Balles, Nancy ...	Modern Languages and Cultures	Nunley, Rosalyn M.	Cosmetology
Mendez Vega, Nancy	Counseling	Nweke, Tashume K.....	Counseling
Mendoza, Barbara	Art	O’Cain, Kim.....	Earth Sciences
Menendez Mata, Rocio J.....	Counseling	O’Connor, Jim.....	Photo/Fashion
Menjivar, Michelle I.	Communication and Media Studies	O’Hara, Dena M.....	English
Meono, Lori T.	Counseling	O’Leary, Bernadette A.....	Psychology
Mercer, Jaime E.....	Life Sciences	O’Leary, Thomas F.....	Art
Metichecchia, Jackson H.	Athletics	O’Neal, Kevin A.....	Music
Mihaylovich, Kristin W.	Art	Oates, Simon M.....	Business
Mikolajczak, Melissa	Business	Oba, Ryan K.	English
Millan, Brandon A.	Emeritus Program	Obiamiwe, Ofunne D.....	Art
Miller, Nicole A.....	English	Ocampo, Cihlti	Dance
Mireles, Sarina L.....	Counseling	Ocampo, Jay M.....	Athletics
Mitchell, Robin	Art	Ochoa, Dewi	ECE
Miyano, Emiko	Art	Ochoa, Mayra	Library
Miyoshi, Yosuke	Emeritus Program	Odom, Lucy H.....	Mathematics
Mizuki, April H.....	Modern Languages and Cultures	Oganesyanyan, Marianna	Counseling
Mleczko, Jacqueline	Communication and Media Studies	Okonkwo, Natasha N.....	Health Sciences
Molnar, Cynthia A.	Dance	Oliver, Gale A.	Music
Molsing, Jason P.....	Athletics	Oliver, Monique	Kinesiology/Athletics
Monteiro, Natalina	Philosophy and Social Sciences	Oliveri, Joseph S.	Business
Montes, Andrea	Philosophy and Social Sciences	Olsen, Bruce D.....	Life Sciences
Montgomery, Laverne R.....	Health Sciences	Olsen, Susan	English
Moosa, Laila	Health Sciences	Olson, Gene C.....	Psychology
Moreno, Diana R.	Counseling	Onnekikami, Ojorlimieyenju.....	Counseling
Morgan, David B.....	CSIS	Orozco, Cynthia M.....	Library
Morgan, Julia S.	ESL	Orr, Paula L.....	English
Morris, Markell R.	Counseling	Ortega, Gary R.....	Philosophy and Social Sciences
Morris, Sanja	Philosophy and Social Sciences	Ortega, Jorge A.....	Mathematics
Morrison, Susan	Nursing	Ortega, Monica M.....	Health Sciences
Moshiri, Shane S.....	Academic Affairs	Ortiz, Stuart	Counseling
Mosich, Nick W.	Kinesiology/Physical Education	Ostorga, Debbie	Counseling

Ota, Nathan T.	Art	Rahmani, Sheida	Mathematics
Overall, Stephen J.	English	Rahnavard, Mohammad H.	Mathematics
Owaka, Emmanuel A.	Mathematics	Rain, Barbara L.	Photography and Fashion
Owens, Karl	Kinesiology/Athletics	Ralston, Lynn C.	Kinesiology/Physical Education
Padilla, Jesus Javier	Counseling	Ramirez, Raquel V.	Dance
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Paknia, Farzaneh	Physical Sciences	Rashidi, Jennifer S.	Earth Sciences
Pan, Juchen	Athletics	Rattanasook, Hathairat	CSIS
Papazyan, Arno	Physical Sciences	Ravkic, Irma	CSIS
Parise, Wendy A.	Education and Early Childhood	Rayford, Valencia R.	Counseling
Park, Jihyun	Modern Languages and Cultures	Raz, Julia G.	Communication and Media Studies
Parker, Juliana C.	Counseling	Razor, Sasha	Modern Languages and Cultures
Parnell, Dennis J.	Music	Rees, Denise M.	Health Sciences
Parsons, Tyler	Business	Regalado, Olivia	Emeritus Program
Pashaie, William	Library	Reich, Eleanor S.	Emeritus Program
Patel, Anand	Life Sciences	Reich, Sheila L.	Emeritus Program
Patel, Bhavi.	Design Technology	Reichle, Robert E.	English
Patel, Manish	CSIS	Reiner, Helene G.	Photography and Fashion
Patrich, Jeremy G.	Earth Sciences	Reiner, Margot	Emeritus Program
Patugan, Rollence Y.	Photography and Fashion	Remollino, Bernard	History
Pearce, Michelle	Counseling – DSPS	Reves, Jessica J.	Business
Peeples, Regis A.	English	Reyes, Ana C.	Emeritus Program
Pena, Ismaelly	Design Technology	Reynoso, Maria L.	Counseling
Pepper, Evan D.	Life Sciences	Richard, Christine	Education and Early Childhood
Perez-Fernandez, Lourdes	Mathematics	Richards, Charlotte R.	Dance
Perez, Jesus Z.	Emeritus Program	Richwine, Dona R.	Life Sciences
Perez, Rex E.	Mathematics	Rios, Vanessa.	Business
Perez, Walter A.	Health Sciences	Risinger, Lois A.	Health Sciences
Perkins, Karen K.	Life Sciences	Rivas Pineda, Yanira G.	Philosophy and Social Sciences
Pernisco, Nicolas	Communication and Media Studies	Rivera Torres, Adrian.	Earth Science
Peterson, James D.	Emeritus Program	Robbins, Crystal R.	Theatre Arts
Petikyan, Gohar	Mathematics	Roberts, Jr, Paul E.	Athletics
Petrella, Robert J.	Communication and Media Studies	Roberts, Kevin	Physical Science
Phan, Huan	Design Technology	Roberts, Paul S.	English
Phear, Jami	English	Robinson, Chelsea M.	Earth Sciences
Phillips, Barbara S.	Emeritus Program	Robinson, Kimberly C.	Design Technology
Phillips, Kimberly M.	Philosophy and Social Sciences	Robinson, Michele R.	Library
Phillips, Lana K.	English	Robles, Andrew	English
Phillips, Thaddeus	Counseling	Rocchio, Michael P.	Art
Picarelli, Ronda R.	Communication and Media Studies	Rockwell, Cassie	Business
Picazo, Leslie Ann M.	Counseling	Roddy, Lytha L.	Education and Early Childhood
Pierce, Timothy L.	Athletics	Rodman, Spencer L.	Athletics
Pillich, Simeon	Music	Rodriguez, Juan Roberto E.	Emeritus Program
Pitre, Rhea M.	Counseling	Rodriguez, Kaelyn	Art
Platt, Huch H.	Communication and Media Studies	Rogers, Jr, John	Cosmetology
Platz, William A.	Business	Rogers, Tim A.	Business
Poirier, Nancy P.	Communication and Media Studies	Rojas, Randall R.	Physical Sciences
Polin, Mathew	Business	Rolleri, Veronica P.	Counseling
Poreba, Janine S.	ESL	Romero, Albert C.	Library
Porter, Leslie A.	Kinesiology/Physical Education	Romero, Rafael	Life Sciences
Pourabedi, Masha	Modern Languages and Cultures	Roper-Conley, Carolyn J.	Business
Pourroy, Debra M.	Education and Early Childhood	Roper, Lisa R.	Counseling
Pourzangi, Banafsheh	Modern Languages and Cultures	Roseman, Teri	Emeritus Program
Poy, Teresa	Nursing	Rosenberg, Vivian L.	Communication and Media Studies
Preponis, Andreas	Music	Rosenblum, Beth T.	Art
Prescott, Patricia N.	Communication and Media Studies	Rosenthal, Laurence	Communication and Media Studies
Press, Phyllis L.	Emeritus Program	Rosiles, Crystal A.	Counseling
Preston, Barry L.	Communication and Media Studies	Ross, Margaret A.	Emeritus Program
Prindle, Mark R.	Earth Sciences	Ross, Matthew S.	English
Pullard, Marcy	Counseling	Ross, Samantha	Counseling
Qualey, Katelyn N.	Kinesiology/Physical Education	Rosser, Ken	Music
Quesada, Donna M.	Philosophy and Social Sciences	Rota, Bruno L.	Modern Languages and Cultures
Quintanilla, Johanna V.	Counseling	Roth, Lea M.	Athletics
Rabkin, Beth L.	Design Technology	Rothstein, Steve	Music
Rados-Cloke, Angie	Business	Rowland, Yuki T.	Counseling

Ruh, Christopher	Communication and Media Studies	Simhan, Shubhangi V.	Mathematics
Ruiz, Jessica	Counseling	Simmonds, Antoinette R.	Emeritus Program
Russell, Richard L.	Psychology	Simon, David L.	Art
Ryan, Melinda	Counseling	Simon, Kuntheary	Counseling
Ryza, Susan V.	Emeritus Program	Simon, Rebecca	History
Sadeghi-Tabrizi, Fariba	Communication and Media Studies	Sindell, Steven M.	Business
Sage, Rebecca M.S.	Psychology	Singhal, Satish P.	CSIS
Said, Asma W.	Physical Sciences	Skriabin, George	History
Saigusa, Yuko	Modern Languages and Cultures	Skydell, James L.	Life Sciences
Sakurai, Dorna S.	Life Sciences	Slaughter, Michael A.	History
Salama, Ahmed H.	Earth Sciences	Slowinski, Rachel	Photography and Fashion
Salerno, Lori A.	Life Sciences	Smith-Clark, Colin T.	Psychology
Salgado, Guadalupe	Emeritus	Smith, Amy S.	Library
Salomon, Davila	CSIS	Smith, Andrew	Counseling
Samani, Nicole	Counseling	Smith, Dave	CSIS
Samokhina, Natalya Y.	ESL	Smith, Deborah R.	Business
Samplewala, Munir S.	CSIS	Smith, Dora L.	Health Sciences
Sanchez, Kristina	Counseling	Smith, Jacqueline M.	Health Sciences
Sanderson, Andrea	Music	Smith, Jillian Sarah	Nursing
Sandoval, Amy	English	Smith, Megumi M.	Music
Sandoval, Audrey L.	Counseling	Smith, Nicola	English
Sandoval, Christina	Counseling	Sobel, Heywood	Earth Sciences
Sandoval, Flor A.	Counseling	Sok, Chariya	Counseling
Sanker, Cardinal	Counseling	Solanki, Vishal M.	Communication and Media Studies
Santana, Tia	Art	Sophos, Patricia E.	Library
Santiago, Grace	Counseling	Sorensen, Krysta E.	Music
Santillanes, Albert	Business	Sosner, Jeffrey A.	English
Santos, Jean Paul	Physical Science	Soto, Alejandro J.	Design Technology
Sarkissian, Rostom	Emeritus	Soucy, Stephen H.	Business
Sarkssian, Henrik	Mathematics	Soury, Sima	Mathematics
Saso, Mariko	Mathematics	Spano, Anthony	Music
Sasu, Samuel	Earth Sciences	Spector, Andrea L.	ESL
Saunders, Shawn	Design Technology	Spiegler, Marci A.	Life Sciences
Saxon, Lisa N.	Communication and Media Studies	Spielman, Aleya	Kinesiology/Athletics
Scaife, Michele L.	Philosophy and Social Sciences	Sprague, Terry	Communication and Media Studies
Scarlet, Amy	Health Sciences	Staig, Tema S.	Design Technology
Schmidt, Einhard	Physical Sciences	Stambler, Lyndon S.	Communication and Media Studies
Schneir, Gerald	Emeritus Program	Steele, Tramon	Kinesiology/Athletics
Schnitzler, Alexander P.	English	Steil, Rick J.	Photography and Fashion
Schofield, Jennifer E.	Communication and Media Studies	Sterling, Jolanta	Music
Schreiner, Gregory	Music	Stewart, Susana	Counseling
Schulman, Jory	Music	Stirling, Mary Jo S.	English
Schultz, Nicholas	Life Science	Stivener, Matthew	ESL
Schwartz, David N.	Theatre Arts	Stone, Brian D.	Music
Scott, Jacqueline D.	CSIS	Stowell, Rachel	Communication and Media Studies
Scuric, Zorica	Life Sciences	Strathearn, Michael D.	Physical Sciences
Sedki, Zaid	Geology and Earth Sciences	Strauss, Eleanor M.	Earth Sciences
Semere, Maria L.	Counseling	Strugatsky, David	Life Sciences
Senarath Gamage, Lakshika	Art	Su, Boo C.	Philosophy and Social Sciences
Senko, Erik A.	Business	Su, Joseph	CSIS
Sewell, Lauren	Kinesiology/Physical Education	Sung, Mi Kyung	Communication and Media Studies
Seymour, Patrick S.	Kinesiology/Physical Education	Supat, Wihok	CSIS
Shaffer, Julie M.	Communication and Media Studies	Surendranath, Lindsey C.	English
Sharif, Rana A.	Philosophy and Social Sciences	Suzuki, Akane	Modern Languages and Cultures
Sharma, Viren D.	CSIS	Sweidan, Selwa	Design Technology
Shibata, Jane M.	Art	Takemori, Kanzo	Modern Languages and Cultures
Shickman, Trevor D.	Kinesiology/Physical Education	Takeshita, Tracey M.	Counseling
Shima, Tara H.	Kinesiology/Physical Education	Takesue, Sumy A.	Music
Shimizu, Ryan	Athletics	Talleda, Margarita L.	Education and Early Childhood
Shimura, Michi	Modern Languages and Cultures	Tanaka, Bonita R.	Design Technology
Shishido, Keith M.	Business	Tanaka, Daniel J.	Modern Languages and Cultures
Shvarts, Arina	Counseling	Tanaka, Jennifer Y.	Kinesiology/Physical Education
Silva, Lorenzo	Athletics	Tateri, Jon-Erik S.	English
Silver, Emily M.	Art	Taylor, Scott M.	Physical Sciences
Silvers, Larry B.	Counseling	Taylor, Valerie	Art

Taylor-Hasty, Katherine.....	Art	Walker, Cheryl L.	Emeritus Program
Temkin, Michal Z.	Counseling	Wall, Christopher B.	Life Sciences
Temme, Teresa Lynn	Business	Wang, Allen C.	Counseling
Terry, Jr, Paul W.	Emeritus Program	Wang, Anthony C.	CSIS
Terry, Lesa	Music	Wang, David	Design Technology
Terry, Paul	Emeritus	Wang, Er Xiang	Mathematics
Thai, Linda	Counseling	Wang, Jason D.	Mathematics
Thawley, John	Photography and Fashion	Wang, Lynn Z.	English
Thayer, Jill	Art	Wapner-Baart, Linda J.	Emeritus Program
Thomas, Jessica	English	Ward, Julie E.	Mathematics
Thomason, Matthew M.	Art	Washington, Carolyn	Nursing
Thompson, Chantry	Counseling	Washington, Daniella M.	Counseling
Throckmorton, Elena M.	Counseling – DSPS	Washington, Taneka L.	Art
Tirr, Catherine A.	Emeritus Program	Weisberg, Alessia N.	Modern Languages and Cultures
Tobin, Patrick D.	Health Sciences	Weisman, Straw	Communication and Media Studies
Torfeh, Kevan	Music	Welch, Melvin A.	Health Sciences
Torres-Gonzalez, Norma A.	Counseling	Welton, Marlea	Business
Torres, Cristina	Counseling	Wengeler, William R.	Life Sciences
Torres, Hector	Design Technology	Whaley, Thomas L.	Music
Torrez, Pete J.	ESL	Wheat, Natasha R.	Art
Toumari, Arman	Physical Sciences	Whidden, Amanda R.	Communication and Media Studies
Trachtenberg, Jessica M.	Counseling	White, Tina M.	Earth Sciences
Tran, Jennifer	Counseling	Wilkinson, Jr, Edward C.	History
Tranv, Chau D.	Mathematics	Will, Luke J.	English
Traynham, Kyle.	English	Williams Leon, Teresa K.	Philosophy and Social Sciences
Treinkman, Melissa	Music	Williams, Ayanna	Business
Trejo, Adrian D.	Counseling	Williams, Kevin	CSIS
Trippetti, Victor J.	Business	Williams, Matthew P.	Counseling
Trives, Nathaniel	Emeritus Program	Williams, Ryan R.	Life Sciences
Trives, Toni	Modern Languages and Cultures	Williams, Von J.	Design Technology
Triviza, Anastasia	Design Technology	Williamson, Teresa D.	CSIS
Truong, Lan	Counseling	Winborne, Nicole	Counseling
Tsang, Amy	Mathematics	Wolfe, Richard A.	ESL
Tsvikyan, Alvard	Mathematics	Wolin-Tupas, Roberta L.	Dance
Tu, Wendy	Mathematics	Wong, Betty L.	Mathematics
Tufenkjian, Tanya	Welcome Center	Wong, James D.	Mathematics
Turner, Hirut A.	Counseling	Wong, Wenise W.	Physical Sciences
Turner, Lorna J.	Design Technology	Wood, Sharon J.	Design Technology
Ulrich, Brittany	Life Sciences	Woodard, Nicole L.	Counseling
Uy, Jeanelle K.	Earth Sciences	Woods, Ventris	Philosophy and Social Sciences
Uzan, Devin	Design Technology	Woolen, Dyonne W.	Emeritus Program
Vacarra, Jill W.	Design Technology	Wright, Nadine E.	English
Vaccaro, Maria Belen	Counseling	Xie, Melanie C.	Mathematics
Vagin, Olga	Life Sciences	Xu, May N.	Mathematics
Valentine, Dyana	Counseling	Yakhszyan, Hegine (Helen)	Counseling
Valesella, Marc D.	Photography and Fashion	Yamaguchi, Yurica	Counseling
Valverde, Thelma	Counseling	Yankey, Kofi A.	Mathematics
Vanbenshoten, William D.	History	Yates, Devona C.	Life Sciences
Vargas, Guadalupe E.	Counseling	Yee, David K.	Mathematics
Vartapetian, Irina	Health Sciences	Yee, Stephanie K.	Counseling
Vaughan, Daniel H.	CSIS	Yeganehshakib, Reza	History
Venditelli Karmel, Lisa	Art	Yenser, Stephen J.	ESL
Vendlinski, Terry P.	Mathematics	Young, Rachel U.	English
Verlet, Melissa C.	History	Young, Shena J.	Counseling
Vernaza, Joseph	Athletics	Young, Tanesha L.	Counseling
Vicich, Gerald M.	Art	Young, William H.	English
Victoria Montoya, Jose Carlos	Physical Sciences	Yousef, Natalie	Life Sciences
Vidal, Sean	CSIS	Zakeri, Gholam A.	Mathematics
Villa, Larisa M.	Counseling	Zamir, Liran	Kinesiology
Villarama, Rebecca	Physical Science	Zarate, Susana	Modern Languages and Cultures
Viveros, Alejandra	Counseling	Zarcone, John	Art
Vruwink, Nicola R.	Design Technology	Zee, Steven L.	Dance
Vyor, Justin	Office Technology	Zimmerman, William L.	CSIS
Wacks, Debra	Art	Ziv, Nurit B.	Life Sciences
Wali, Monona	Emeritus Program	Zmuda, Lynn M.	Design Technology

Zuk, Patricia A..... Life Sciences
 Zusman, Shanon P..... Music
 Zwang-Weissman, Linda.... Modern Languages and Cultures

Important Phone Numbers

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Automated Call Center	310-434-4001
Academic Senate	310-434-4611
Accounts Payable	310-434-4283
Adelante Program/Latino Center	310-434-4459
Admissions Office.....	310-434-4380
Nonresident Admissions....	310-434-4461, 310-434-4595
International Student Admissions	310-434-4217
Adult Education.....	310-434-3403, 310-434-4115
Airport Arts Campus.....	310-434-4229
Alumni	310-434-8400
Art Department.....	310-434-4230
Art Gallery	310-434-3434
Exhibit Information.....	310-434-8204
Associated Students and Student Clubs.....	310-434-4250
Associates.....	310-434-4100
Athletics	310-434-4310
Auxiliary Services Business Office	310-434-4255
Black Collegians Umoja Community	310-434-4232
Board of Trustees.....	310-434-4241
Bookstore (see Campus Store listings).....	310-434-4258
Broadcasting Program.....	310-434-4583
BroadStage	310-434-3200
Business Education Department	310-434-4295
CalWORKs.....	310-434-4082
Campus Police (Emergency).....	310-434-4300
Campus Police (NON-emergency).....	310-434-4608
Campus Store – Airport Arts Campus	310-434-4637
Campus Store – Bundy Campus	310-434-3480
Campus Store – Center for Media and Design (CMD)	310-434-3750
Campus Store – Main Campus	310-434-4258
Campus Store – SMC Performing Arts Center	310-434-3482
CARE (Cooperative Agencies Resources for Education).....	310-434-4449
Career Services Center	310-434-4337
Cashier’s Office.....	310-434-4664
Center for Media and Design (CMD).....	310-434-3700
Center for Wellness & Wellbeing.....	310-434-4503
24/7 Emotional Support.	800-691-6003
Child Development.....	310-434-8109
Children’s Services Coordinator	310-434-8280
Communication and Media Studies Department	310-434-4246
Communication Studies Program	310-434-4246
Community Education.....	310-434-3403, 310-434-4115
Community Relations Office	310-434-4100
Computer Classes – Business Department ...	310-434-4295
Corsair Newspaper	310-434-4340
Cosmetology Department	310-434-4292
Counseling & Transfer Services.....	310-434-4210
CSEA Office.....	310-434-4068
Curriculum Office	310-434-4277
Custodian’s Office	310-434-4366
Dance Department	310-434-3467
Deaf and Hard of Hearing Services	310-434-4407
Design Technology Department	310-434-3720
Disabled Students Center (DSPS)	310-434-4265
Drescher Planetarium	310-434-3005

Distance Education Program.....	310-434-3761	Physical Sciences Department	310-434-4788
DREAM Program.....	310-434-4892	Pico Partnership Program	310-434-4926
Education and Early Childhood Counseling ..	310-434-8109	Planetarium.....	310-434-3005
Earth Sciences Department.....	310-434-4767	Planning and Development.....	310-434-4215
Edye, The.....	310-434-3200	Pool Information	310-458-8700
Emeritus Program	310-434-4306	President's Office	310-434-4200
Employment Information – Academic	310-434-4336	Psychology Department.....	310-434-4276
Employment Information – Non-Teaching....	310-434-4415	Public Information Office	310-434-4454
Employment Information – Student	310-434-4343	Public Policy Institute.....	310-434-3429
Career Services Center	310-434-4337	Public Programs	310-434-4100
English Department.....	310-434-4242	Purchasing.....	310-434-4304
Environmental Studies Department.....	310-434-4901	Receiving Department.....	310-434-4373
EOPS (Extended Opportunity Program and Services).....	310-434-4268	Registration	310-434-4380
ESL Department	310-434-4260	Reprographics	310-434-4828
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Notes

Notes

Santa Monica College

SMC Campuses and Program Sites

SMC CAMPUSES

Main Campus
1900 Pico Boulevard,
Santa Monica, CA 90405

Airport Arts Campus (AIR)
2800 Airport Avenue
Santa Monica, CA 90405

Bundy Campus (BUNDY)
3171 S. Bundy Drive,
Los Angeles, CA 90066

Center for Media and Design (CMD)
1660 Stewart Street
Santa Monica, CA 90404

District Offices
2714 Pico Boulevard,
Santa Monica, CA 90405

Emeritus Campus
1227 2nd Street
Santa Monica, CA 90401

Malibu Campus (opening spring 2023)
23555 Civic Center Way
Malibu, CA 90265

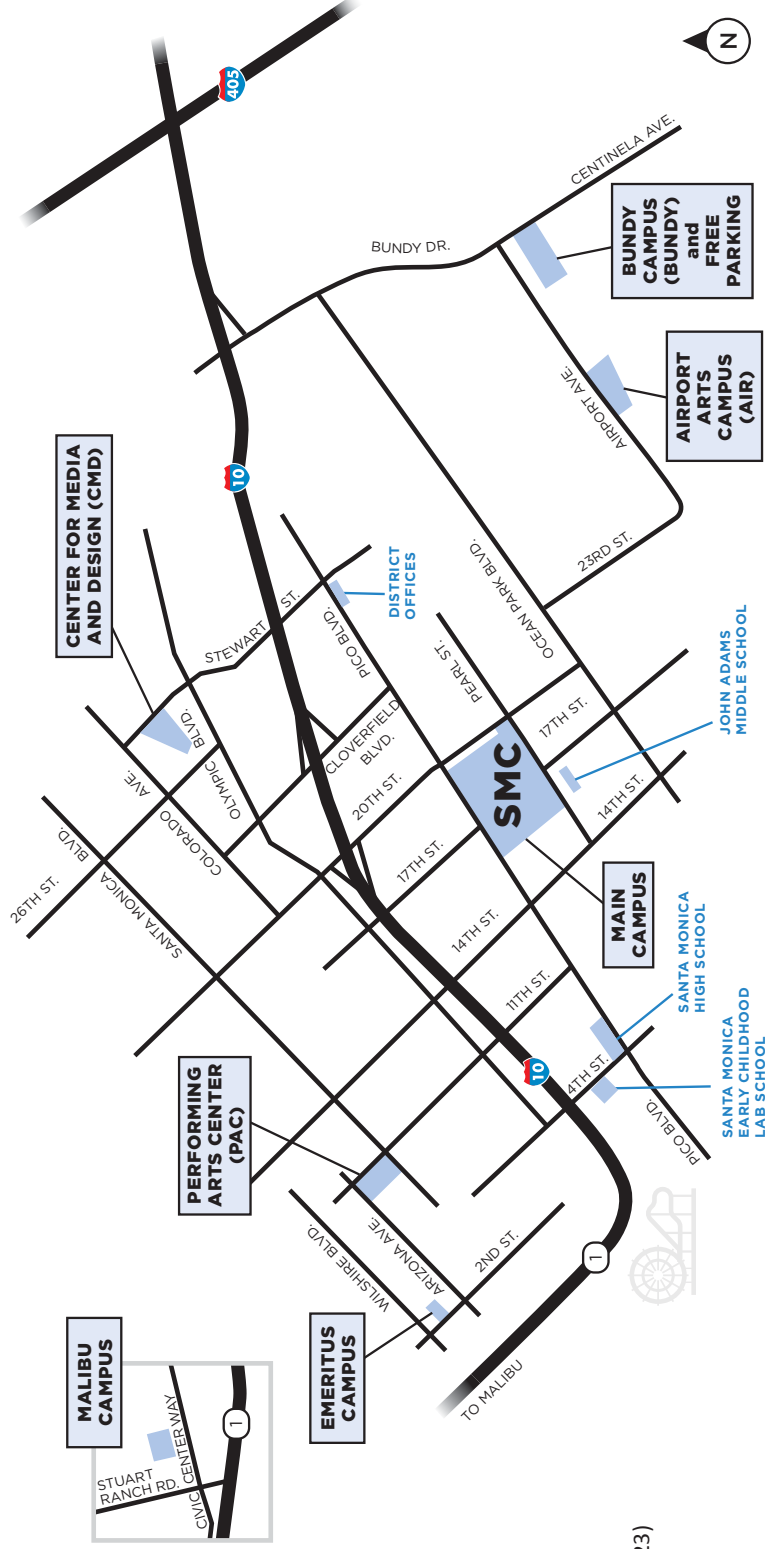
Performing Arts Center (PAC)
1310 11th Street
Santa Monica, CA 90401

ADDITIONAL CLASS LOCATIONS

John Adams Middle School
2425 16th Street
Santa Monica, CA 90405

Santa Monica High School
601 Pico Boulevard
Santa Monica, CA 90405

Santa Monica Early Childhood Lab School
1802 4th Street
Santa Monica, CA 90401



SANTA MONICA COLLEGE

1900 Pico Boulevard, Santa Monica, CA 90405 • smc.edu



MAIN CAMPUS

- 14 Associated Students Center (2nd floor, Cayton Center)
- 20 Auxiliary Services 1738 Pearl St.
- 3 Board Conference Center (Board of Trustees Meetings)
- 22 Bodega / Food Pantry
- 1 Facilities Planning 1510 Pico Blvd.
- 19 Campus Police 1718 Pearl St. 310-434-4300
- 12 Campus Store
- 18 Center for Wellness and Wellbeing
- 7 Events / Ticket Box Office
- 2 Foundation 1516 Pico Blvd.
- 13 Health Services (Nurse's Office)
- 6 Kiosk / Visitors Information
- 9 Main Stage (Theatre Arts)
- 15 Math Lab
- 16 Media Center / Reprographics
- 10 Operations & Maintenance
- 4 Photography Gallery (2nd floor, Drescher Hall)
- 5 Planetarium (2nd floor, Drescher Hall)
- 11 Receiving
- 8 Studio Stage (Theatre Arts)
- 21 Sustainability Center 1744 Pearl St.
- 17 Veterans Success Center (Lower Level, Cayton Center)

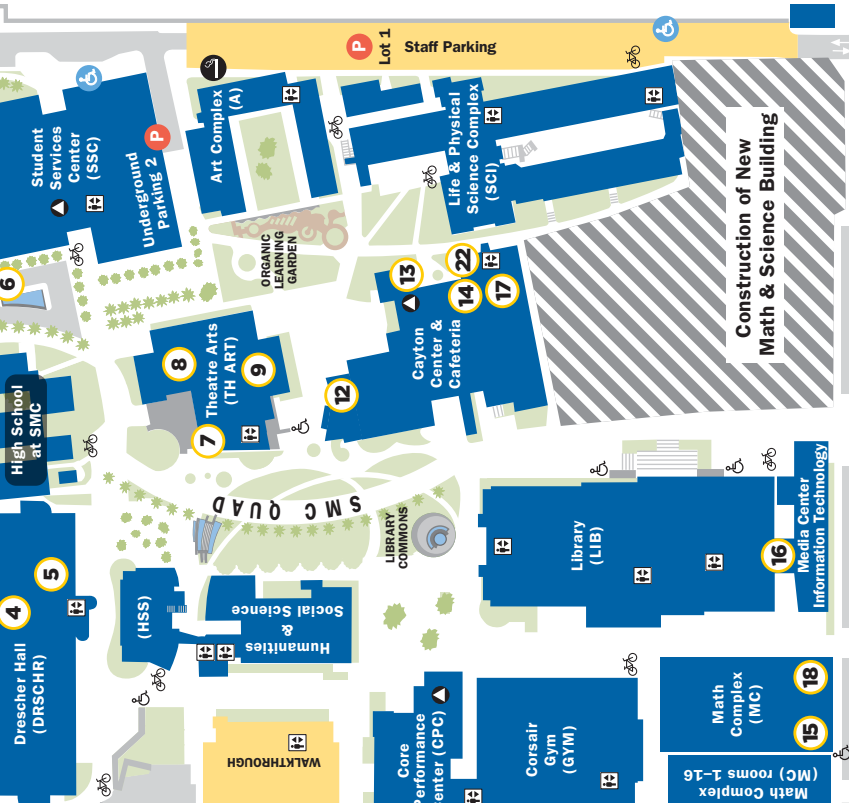
STUDENT SERVICES CENTER (SSC)

- Academic Affairs
- Admissions & Records
- Care & Prevention Team
- Cashier's Office / Student ID
- Career Services Center
- Center for Students with Disabilities / Proctor Room
- Computer Lab
- Counseling & Transfer Services
- Enrollment Development
- Financial Aid & Scholarships
- High Tech Center
- International Education
- Institutional Research
- Orientation Hall
- Special Programs:
- Adelante/Latino Center
- Black Collegians, CalWORKS, DREAM Program, EOPS/CARE, Guardian Scholars, Learning Disabilities Program, Pico Partnership, RISING Program, and Scholars Program
- Student Affairs
- Student Judicial Affairs
- Success & Engagement Center
- Welcome Center / Outreach

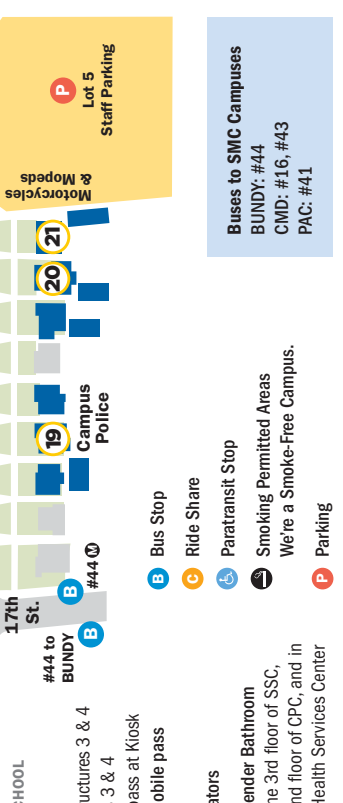
SMC CAMPUSES & LOCATIONS

- AIRPORT ARTS CAMPUS (AIR) 2800 Airport Ave.
- BUNDDY CAMPUS (BUNDDY) 3171 S. Bundy Dr.
- CENTER FOR MEDIA AND DESIGN (CMD) 1660 Stewart St.
- DISTRICT OFFICES 2714 Pico Blvd.
- EMERITUS CAMPUS (EC) 1227 2nd St.
- COMMUNITY EDUCATION - Emeritus Program for Older Adults
- KCRW 1660 Stewart St.
- PERFORMING ARTS CENTER (PAC) 1310 11th St.
- PETE AND SUSAN BARRETT ART GALLERY - The Edge
- THE ELLI AND EDYTHE BROAD STAGE - Superintendent/President's Office

SMC QUAD



PEARL STREET



- STAFF PERMIT PARKING: Lots 1 & 5, Underground 2, Structures 3 & 4
- STUDENT PERMIT PARKING: Underground 2, Structures 3 & 4
- VISITOR PARKING: Underground 2, purchase parking pass at Kiosk Bundy Campus • 3171 S. Bundy Dr.
- Park free and shuttle to main campus with SMC mobile pass

Buses to SMC Campuses
 BUNDDY: #44
 CMD: #16, #43
 PAC: #41

- Bus Stop
- Ride Share
- Paratransit Stop
- Smoking Permitted Areas - We're a Smoke-Free Campus.
- Parking

- Elevators
- All-gender Bathroom - On the 3rd floor of SSC, ground floor of CPC, and in the Health Services Center
- Accessible Entrances - Entrances in buildings not marked are accessible. Accessible parking available in every lot.

California's #1 Transfer College

Welcome to Santa Monica College, California's #1 transfer college for 31 years! SMC tops in transfers to UCs, USC, LMU, and UCs and CSUs combined. SMC continues to lead the state with 1,186 transfers to University of California campuses in the 2020-21 school year. SMC also continues to be the state leader in transfers to UC schools by both African American and Chicano/Latino students.

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