

COURSE DESCRIPTIONS

Interpreting Course Listings

Subject and Number

Each course within a subject appears under its subject heading, arranged alphabetically.* Underneath each heading in capital letters in parentheses is the subject abbreviation that will appear before the course and in the course schedule and on transcripts. All course numbers appear as three digits. In some cases, a number may be followed by one or more letters indicating special features: "A," "B," "C," etc. for courses broken into modules or into lecture/lab pairs; "CE" for community education, "CO" for contract education; "L" for laboratory; "NC" for noncredit; "T" for tutoring; or "U" for some science lecture courses. For example: "Tutoring 1" is listed under the "Tutoring" heading, with the abbreviation "TUTOR" followed by the number "001" and the letter "T," or "TUT 001T." Course numbers may also be followed by a dash number, indicating that they are part of a sequence of courses closely-related in content. For example, "Aqua Aerobics 1" and "Aqua Aerobics 2," both Kinesiology courses, appear as "KIN 303-1" and "KIN 303-2."

*Note: some subjects and their abbreviations appear in different places in the alphabet. For example, the heading "Chemistry" appears ahead of "Child Development," alphabetically. However, their abbreviations are the opposite: CH DEV, followed by CHEM. To search by subject abbreviation, consult the courses subject abbreviation index.

When a course has formerly been listed by a different subject abbreviation, number and/or title, the former designation will appear in italics in parentheses after the phrase "Formerly..."

Some courses have identical content as another course in a different subject. These are called cross-listed courses. In such cases, the cross-listed courses will appear after the phrase "Same as..."

Units

The number in parentheses following the course title indicates the credit value of the course in semester units. Each unit represents one hour per week for lecture or recitation, or two to three hours per week of laboratory work. In addition, each unit assumes a total of 3 hours per week of student learning, split between the hours spent in class and additional hours spent on out-of-class activities such as assignments, study, etc. For example, a 3-unit course based on 3 weekly hours of "lecture" contact would require 6 hours of activities outside of

class for a total of 9 weekly student learning hours (3 for each unit). A 1-unit course based on 2 weekly hours of "lab" contact would require an additional 1 hour per week of activities outside of class for a total of 3 weekly student learning hours.

Degree-applicability

All courses that meet a major requirement of an academic program listed in this catalog may be applied towards graduation requirements for an associate degree unless the course is otherwise indicated as NDA (non-degree applicable).

Course Transferability

Many courses are transferable to four-year institutions. All transfer courses may be applied to the Associate Degree. Transfer courses are acceptable for credit at University of California (UC) and California State University (CSU) campuses according to the following codes:

University of California (UC)

Courses so designated are acceptable for credit at campuses of the University of California.

California State University (CSU)

Courses so designated are acceptable for credit at least one of the campuses of the California State University. Courses designated (CSU) are certified as being appropriate for baccalaureate degree credit for determining admission eligibility as an undergraduate transfer student.

If there is no notation in parentheses after the course title, then the course is not transferable for UC or CSU credit. UC and CSU transferability is based on 2017-2018 transfer course agreements and is subject to change. For updated information regarding course transferability, consult the Transfer Center or the Counseling Office.

Course Repeatability for Credit

The symbol RPT identifies courses which may be taken more than once (up to four times) for credit.

Course Pre/Corequisites

Some courses list required prerequisites or corequisites, or recommended coursework. If so, they will be listed under the subject and number in italics. Any course identified as a Prerequisite or Corequisite for another course is required; recommended coursework is clearly identified as recommended. If a course lists any prerequisites, all such prerequisites must be completed prior to taking the course.

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Corequisites may be completed concurrently. Students who have questions about prerequisite should consult a college counselor or an instructor before registration.

Students may petition to challenge a prerequisite and/or corequisite for the following reasons:

- The prerequisite course is not available.
- The student has reason to believe the prerequisite/corequisite has not been validly established and is in violation of Title 5 regulations.
- The student has the knowledge or ability to succeed in the course without meeting the prerequisite/corequisite.
- The student believes the prerequisite/ corequisite is discriminatory or being applied in a discriminatory manner.

A waiver requires written explanation of alternative course work, background, or abilities which adequately prepare students for the course. Prerequisite/corequisite challenge petitions are available in the Admissions Office, Student Entry Center, or Assessment Office. Also see the section on Matriculation for additional information about challenging prerequisites and/or corequisites.

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SUBJECT ABBREVIATION INDEX

Asterisks (*) denote abbreviations that appear in a different alphabetical order than their subjects.

<u>Abbreviation</u>	<u>Subject</u>		
ACCTG	Accounting	FRENCH	French
ADDICST	Addiction Studies	GEOG	Geography
ADM JUS	Administration of Justice	GEOLOGY	Geology
AFRO AM	African-American Studies	HEALTH	Health
ALD HTH	Allied Health	HLTHOCC	Health Occupations
A S L	American Sign Language	HISTORY	History
ANATOMY	Anatomy	HOSPT	Hospitality
ARABIC	Arabic	HUMAN	Humanities
ARC	Architecture	INTRDGN	Interior Design
ART	Art	JAPAN	Japanese
ASIAN	Asian American Studies	KIN	Kinesiology
ASTRON	Astronomy	KIN ATH	Kinesiology Athletics
AVIATEK	Aviation Maintenance Technician	KIN MAJ	Kinesiology Major
BSICSKL	Basic Skills – Noncredit	LRNSKIL	Learning Skills
BIOLOGY	Biology	LIB SCI	Library Science
BIOTECH	Biotechnology	MGMT	Management
BRDCSTG	Broadcasting	MIT	Manufacturing & Industrial Technology
BUS	Business	MARKET	Marketing
CHEM	Chemistry	MATH	Mathematics
CHICANO	Chicano Studies	MICRO	Microbiology
CH DEV	Child Development	MULTIMD	Multimedia
CINEMA	Cinema	MUSIC	Music
CHINESE	Chinese	NURSING	Nursing
COMM	Communication Studies	OCEANO	Oceanography
* CAOT	Computer Applications and Office Technologies	PALEGAL	Paralegal Studies
CO INFO	Computer Information Systems	PHRMCTK	Pharmacy Technician
* CO SCI	Computer Science Information Technology	PHILOS	Philosophy
COUNSEL	Counseling	PHOTO	Photography
CORR	Corrections	PHYS SC	Physical Science
DANCEST	Dance Studies	PHYSICS	Physics
DANCETO	Dance Techniques	PHYSIOL	Physiology
DEN AST	Dental Assistant	POL SCI	Political Science
DEN HY	Dental Hygiene	PSYCH	Psychology
EARTH	Earth Science	REAL ES	Real Estate
ECON	Economics	SOC	Sociology
EDUC	Education	SPANISH	Spanish
EET	Engineering, Electrical Technology	THEATER	Theater
ENG GEN	Engineering, General	TUTOR	Tutoring
EGD TEK	Engineering Graphics & Design	VOC ED	Vocational Education
ENGLISH	English		
E.S.L.	English as a Second Language (credit)		
ESL NC	English as a Second Language – Noncredit		
ENV	Environmental Design		
ENV SCI	Environmental Science		
FAM &CS	Family and Consumer Studies		
FLM PRD	Film Production		
FINANCE	Finance		
FIRETEK	Fire Technology		