

# TOOLS FOR PLANNING YOUR EDUCATIONAL PROGRAM

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## TOOLS FOR PLANNING YOUR EDUCATIONAL PROGRAM

### Graduation Requirements

A student remaining in continuous attendance at Cañada College, College of San Mateo, and/or Skyline College may, for purposes of graduation, elect to meet the requirements in effect at the college from which the student will graduate either at the time the student began such attendance or any subsequent year of continuous enrollment.

For the purposes of this policy, "continuous enrollment" means attendance through at least the fourth week of instruction in either a fall or spring semester in each calendar year. Absence to attend another accredited college or university shall not be considered an interruption in attendance if the absence does not exceed one year. Catalog rights cannot supersede any State or Federal regulation or requirement in effect at the time of graduation.

### Degree Credit & Non-Degree Credit Courses

The State of California has legislated a series of reforms designed to strengthen the community colleges. One of these reforms mandated a comprehensive review of the standards of instruction in each course in the curriculum. Each course was classified as "degree credit" or "non-degree credit". A course offered for "non-degree credit" cannot be counted toward certificate completion, graduation or transfer. The following notation is placed at the end of the course description for all non-degree credit courses: "Units do not apply toward the AA/AS degree."

### Precollegiate Basic Skills Courses

With the exception of English as a Second Language and learning disabled students, no student may receive more than 30 semester units of credit for precollegiate basic skills courses. Students who show significant, measurable progress toward the development of skills appropriate to enrollment in college-level courses may apply to the Director of Matriculation to request a limited waiver of this requirement.

### Certificate Programs

Certificate programs are designed for students looking for short-term programs of instruction with a high degree of specialization. They are designed to prepare individuals to enter a particular field of employment or provide a level of in-service training or education for those already employed. Cañada College awards two levels of certificates. Certificates of Completion are those that are less than 18 units of course work. Certificates of Proficiency are those that are 18 units or more of course work. The section—Associate Degrees, Certificates, Transfer—in this Catalog lists programs alphabetically by subject and identifies the certificate and associate degree programs available.

The Certificates (Completion and Proficiency) have been designed on the career ladder concept and courses taken to fulfill the lower level of certificate, the Certificate of Completion, can be applied to the next level, the Certificate of Proficiency, if the certificate of proficiency exists. The course work applied to the certificates can also be applied to associate degrees. If no associate degree major exists in the area then the units can be counted as electives toward any associate degree. If an associate degree with the specific major exists then the units may make up an Associate Degree major.

### Certificate of Completion (Certificates Requiring Less Than 18 Units) General Requirements and Certificate of Proficiency (Certificates Requiring 18 Units or More) General Requirements

1. The prescribed courses and units must be completed as identified in the Cañada College Catalog under core and selective courses.
2. Fifty percent of the required courses (identified as core and selectives) must be completed at Cañada College. Equivalent lower division courses completed at other institutions holding district approved accreditation may be submitted on a Request for Substitution petition for consideration to satisfy some certificate requirements. Petitions for this purpose are available in the Enrollment Services Office, Building 8, bottom floor.
3. All CORE classes applied to the certificate must receive a grade of C or better. If the course is evaluated by credit or no credit ONLY then a "credit" evaluation for the course is acceptable. If the course is offered as "grade option" a letter grade of C or better is required.
4. Computer Literacy Requirement: satisfactory completion of a minimum of 1 unit of the following – Actg 190, 192, 194, 196, Art 314, 325, 368, 369, 372, 376, 377, 378, 379, 389, 390, Intd 362, 363, Legl 276, Bus 103, or any computer related courses above Bus 422, any Comp or CIS course, OR a passing score on the Cañada College computer literacy test (both written and hands-on).
5. Students must be in "good academic standing" to receive a Certificate of Completion or a Certificate of Proficiency.

### Associate Degree (AA/AS) Requirements

Graduation from Cañada College with the Associate in Arts or Associate in Science degree is based upon the completion of 60 units of lower division college work, including the requirements A through G listed below. An application for the degree must be filed in the Office of Admissions and Records during the last semester of attendance. The application should include a counselor's signature. Refer to the Calendar of Important Dates on page 3 for the deadline dates.

#### A. Residence

A minimum of 12 units of the 60 units must be completed at Cañada College.

#### B. Scholarship Requirement

A minimum overall grade point average of 2.0, a minimum 2.0 grade point average in the 60 units submitted for the Associate degree, a minimum 2.0 grade point average in course work taken in the San Mateo County Community College District, and a minimum 2.0 grade point average in units applied to a major must be attained. Grades earned in nondegree applicable courses will not be counted in the GPA calculation.

#### C. Competency Requirements

##### English

1. Reading
  - a. Satisfactory completion of Engl 100 **or**
  - b. Satisfactory completion of Reading 802/836
2. Writing
  - a. Eligibility for Engl 100, as determined by English Placement exam **or**
  - b. Satisfactory completion of Engl 100 **or**
  - c. Satisfactory completion of English 800/836 or English 400

##### Mathematics

A minimum score of 21 on the SMCCCD Math Placement Test #2 or #3, a minimum score of 20 on the SMCCCD Math Placement Test #4

**or**

Completion of Elementary Algebra (Math 110, or 111 and 112) with grade of C or better, or any course with Math 110, or Math 111 and/or 112 as a prerequisite with a grade of C or better.

#### Computer Literacy

Computers are an integral part of today's world used in all disciplines and workplace settings. Students who are awarded an AA/AS degree or a certificate from Cañada College should possess the skills to use computers to communicate, design, research and explore so that they are prepared appropriately for transfer or for entry into the workforce. The Cañada College computer literacy requirement provides these foundation computer skills.

1. Satisfactory completion of a minimum of 1.0 unit of one of the following: ACTG 190, 196; ART 314; BUS.103 or any computer related course above BUS. 417; any CIS course; any COMP course; INTD 363; or LEGL 276

or

2. A passing score on the computer literacy test (both written and hands-on)

#### D. Major

A major consists of a minimum of 18 semester units in a specified field of study. A field of study is understood to be a specific subject with supporting subjects which are intended to balance the training needed in preparation for a major or a particular occupation. Associate in Science degrees will be awarded in the fields of biological and physical sciences or occupational curricula. All students must complete coursework in their major field of study with a grade point average of 2.0 or better. The ECE major requires a minimum of a "C" grade in all course work. A minimum of twelve units of coursework in the major field must be completed at Cañada College.

When courses required for specific majors are also on the list of approved General Education courses, the courses may be used to satisfy both major and General Education requirements.

#### E. General Education

The purpose of General Education is to foster the preservation, communication and development of knowledge, the cultivation of wisdom, and the understanding of values that will help ensure the survival of humankind and improve the quality of human life. In support of this purpose, the General Education requirement seeks not only to prepare students who are knowledgeable and well-informed, but to engender in them:

- a taste for learning in a climate of curiosity and wonder
- an independent and critical cast of mind based on a respect for knowledge
- a capacity for creativity and imagination
- a sense of ethical responsibility that includes tolerance, sympathy for humankind, and commitment to improve the quality of life
- a respect for knowledge and ability to think independently and critically

Courses which meet the General Education Requirements introduce students to the variety of means through which people comprehend the modern world.

The subject matter presented in these courses is designed to be general, broad, and frequently introductory, rather than specialized. In order to promote these goals, the General Education requirement incorporates the following curricular objectives:

- to improve the essential communication skills of listening, speaking, reading, and writing based on analytical thinking
- to acquire broad perspectives on the human experience, through a study of both western and non-western civilizations

- to gain an understanding of the principles of natural phenomena, technological developments and the effects they will have on society, the insights afforded by the social sciences into the human experience, the contributions of the humanities to the enrichment of human existence
- to develop sensitivity to the dilemmas facing humankind by an introduction to key social issues of the contemporary era
- to develop the knowledge and understanding of the rights, responsibilities and privileges involved in becoming a participating citizen in a democratic, pluralistic society
- to provide opportunities to gain information which could aid students in making realistic career decisions

#### Specific General Education Unit Requirements

- Associate in Arts Degree—21 units minimum
- Associate in Science Degree—18 units minimum

#### F. Ethnic Studies

Educated people celebrate and value cultural diversity. The ethnic studies/cultural diversity graduation requirement of one 3-unit course at Cañada College demonstrates the commitment to include in the education of students the knowledge of the ever-changing diversity of our country. With the fulfillment of this requirement, students have the opportunity to see themselves and others in the mutually supportive relationship basic to the survival and prosperity of all of us. Refer to Ethnic Studies in the Course Descriptions section of this Catalog for a list of specific courses.

#### G. Physical Education

One or more courses in physical education for a minimum of 2 units is required for an AA/AS degree. This requirement will be waived or modified for students in the following categories:

- graduates of community colleges or other accredited colleges and universities
- Evening/Saturday/Off-campus Center students: Students who have completed a minimum of 60% of the coursework units submitted to fulfill the Associate degree requirements in the evenings, Saturdays, or at a Cañada College Off-campus center
- veterans with one or more years of service
- persons excused for medical reasons

Waivers other than for the reasons stated above should be sought following regular college procedures via the Office of Matriculation or the Vice President, Student Services.

#### AA/AS Degree and Certificate Applications

The Office of Admissions and Records processes all petitions and determines eligibility for the Associate in Arts and Associate in Science Degrees and Certificates offered at Cañada College. Eligible graduating candidates must file an application for the appropriate degree or certificate according to deadlines published in the Schedule of Classes and do the following:

- demonstrate completion of at least 54 or more semester units to be in candidate status;
- arrange for all transcripts from other colleges to be placed on file with the Office of Admissions and Records prior to the specified deadline (see Calendar of Important Dates on page 3).

#### Second Associate Degree

To qualify for an additional associate degree at Cañada College, a student must (1) complete a minimum of 12 units for the degree at Cañada College after the awarding of the previous degree and (2) comply with the appropriate general education requirements for the second degree. In addition, 50 percent of the major course units must have been completed at Cañada College.

Graduation from Cañada College with the Associate in Arts (AA) Degree or the Associate in Science (AS) Degree is based on completion of 60 units including the requirements “A” through “G” listed below:

- A. Residence:** A minimum of 12 units must be completed at Cañada College.
- B. Scholarship:** A minimum overall GPA of 2.0 in the 60 units submitted for the AA Degree 2.0 GPA in course work taken in the San Mateo County Community College District (SMCCCD) and a minimum GPA 2.0 in units applied to the major.
- C. Basic Competency Requirements:**
- Reading:** Eligibility for Read 420 as determined by the English Placement Exam or satisfactory completion of Engl 100 or satisfactory completion of Read 836
- Writing :** Eligibility for Engl 100 as determined by the English Placement Exam or satisfactory completion of Engl 100 or satisfactory completion of Engl 400 or Engl 836
- Math:** Placement into Math 120 or above on SMCCCD Math Placement Test or completion of Elementary Algebra (Math 110 or Math 111 and 112 with a grade of “C” or better or successful completion of any course with a Math 110 prerequisite
- Computer Literacy:** Satisfactory completion of a minimum of 1.0 unit of the following: Actg 190 196 Art 314 Bus 103 or any computer-related courses above Bus 417 any Comp or CIS course Intd 362 363 Legl 276 or a passing score on the Cañada College computer literacy test (both written and hands-on)
- Physical Education:** 2 units required of any Physical Education course except PE 690 or 695.
- D. Major:** See the College Catalog for major course requirements (a minimum of 12 units in the major must be completed at Cañada College).
- E. General Education:** General Education courses introduce the student to areas of study that develop breadth of knowledge and contribute to a balanced education. See General Education (GE) areas A through E below. **Important:** Although a course may be listed in more than one area a student may use a course to satisfy only one subject area.

ASSOCIATE IN ARTS GENERAL EDUCATION – 21 units required ASSOCIATE IN SCIENCE GENERAL EDUCATION – 18 units required

**GE Area A: Language and Rationality** **6 semester units for an AS and 9 semester units for an AA**  
**English Composition Requirement:** 6 units – for an AA Degree select two courses: Engl 400 or 836 100 110 165  
 3 units – for an AS Degree select one course: Engl 100  
**Communication and Analytical Thinking Requirement:** 3 units from the following selections:  
**Math** 110 111 112 115 120 122 123 125 130 140 150 200 219 241 251 **Bus.** 115 **CIS** 118 **Engl** 110 165  
**Mus** 132 **Phil** 103 200 **Spch** 100 105 120 **PISc** 103.

**GE Area B: Natural Sciences** **3 semester units**  
**Physical Science:** **Astr** 100 110 **Chem** 100 112 210 234 410 **Geol** 100 110 **Geog** 100 **NSci** 100 **Ocen** 100  
**Phys** 210 250 260 405  
**Life Science:** **Anth** 125 360 **Biol** 100 103 110 130 225 230 240 250 260 310 **HSci** 100 104 105 108 **NSci** 100 **Paln** 110

**GE Area C: Humanities** **3 semester units**  
**Arts:** **Art** 101 102 103 125+ 126+ 127+ 201 204 214 301 **Dram** 101 140 **Film** 110 **Intd** 115 150 **Mus** 100 131 202  
**Development of Cultures:** **Hist** 100 101 103 245+ 246+ 247 425+ 451+ 452+  
**Languages:** **Fren** 130 140 161 **Span** 110 111 112 120 121 122 130 131 132 140 161+ 162+  
**Literature:** **Dram** 142 143 144 151 152 **Engl** 110 161 164 **Lit** 101 111 142 143 151 152 200 231 232 233 251 252+ 266+ 301 370+  
 371+ 372+ 373+ 375+ 441 442 445 **Spch** 111 112  
**Philosophy:** **Hist** 205 **Phil** 100 160 175 190 240 246 300 310 320 + Indicates Ethnic Studies course

**GE Area D: Social and Behavioral Sciences** **3 semester units**  
**US History:** **Hist** 201 202 **US Constitution and State/Local Institutions:** **Plsc** 210 310  
**Social Institutions:** **Anth** 105 110 180 360+ 370+ **Bus** 100 **ECE** 201 212 264 **Econ** 100 102 230+ **Educ** 100  
**Geog** 110 **Hist** 102 242+ 245+ 246+ 247 315 421 422+ **Hmsv** 100 264 **PISc** 130 150 **Psyc** 100 106+ 110 112 200 300 340  
 410 **Soci** 100 105 141+ 254 **SoSc** 250+ 415 + Indicates Ethnic Studies course

**GE Area E: Ethnic Studies** **3 semester units**  
**Anth** 360 370 **Art** 125 126 127 **Econ** 230 (if taken Fall 2003 or thereafter) **Hist** 242 245 246 422 425 451 452  
**Lit** 252 266 370 371 372 373 375 **Psyc** 106 **Soci** 141 **SoSc** 250 **Span** 161 162

**G. General Electives - Additional courses to meet the minimum 60 units degree requirement.**

Students transferring to the California State University (CSU) system qualify for admission as upper division transfers if they complete at least 60 transferable units with a GPA of 2.0 or better (non-residents 2.4 or better). The 60 unit requirement must include successful completion (with a grade of “C” or better) of area A1, A2, A3, and B4, and 18 additional units from areas B, C, D, and E. Students who complete the 39 unit pattern satisfy the lower division general education requirements for the California State University BA/BS degree. A minimum of 9 semester units of upper division general education coursework must be completed at the university after transfer. Courses listed in more than one area can be used to satisfy only one area.

At the completion of course work at Cañada College—and prior to transfer—it is important to request a CSU GENERAL EDUCATION CERTIFICATION from the Admissions and Records Office to be mailed with the final transcript to the transfer destination. Complete a transcript request form to make this request. Use PROJECT ASSIST ([www.assist.org](http://www.assist.org)) for the most up-to-date transfer information which includes general education and lower division major requirements and articulation.

**Area A: Communication Skills and Critical Thinking** **9 units required**

One course required from each subsection.

**A1 Oral Communication:** Spch 100, 105, 120

**A2 Written Communication:** Engl 100, 400\* (\* if taken Fall 02 or thereafter), Engl 110^ 165^ (^ if taken Fall 03 or thereafter)

**A3 Critical Thinking:** Engl 110^ 165^ (^ if taken Fall 04 or thereafter) PISc 103 Phil 103, 200

**Area B: Natural Science and Mathematics** **9 units required**

One course from Physical Science, Life Science, and Math Concepts. Must include one lab course (indicated by \*)

**B1 Physical Science:** Astr 100, 101\*, 110^ Chem 100, 112\*(Fall 03), 210\*, 234^, 237^, 410\*^ Geog 100 Geol 100\* (\*Lab if taken on campus) 110 NSci 100 Ocen 100 Phys 210\*, 250\*, 260\*, 405

**B2 Life Science:** Anth 125 Biol 100, 103\*, 110\*, 130, 225\* 230\* 240\* 250\* 260\* NSci 100 Palm 110

**\*B3 Lab: Courses identified with an “ \* “**

**B4 Math Concept:** Math 125, 130, 140, 200, 219, 241, 251

**Area C: Arts, Literature, Philosophy & Languages** **9 units required**

Chose at least one course from the Arts and at least one course from the Humanities. Courses must be from at least two disciplines.

**C1 Arts:** Art 100, 101, 102, 103, 125+, 126+, 127+, 201, 204, 214, 301 Drama 101 140 142 143 144 151 152 Film 110 Intd 150 Lit. 142 143 441 442 Mus. 100 131 202

**C2 Humanities:** Engl 110, 161, 164 Drama 142 143 144 Lit. 101, 111, 142, 143, 151, 152, 200, 231, 232, 233, 251, 252+, 266+, 301, 370+, 371+, 372+, 373+, 375+, 441, 442, 445 Fren 130, 140, 161, 162 Hist 100, 101, 205, 245+, 246+, 247, 451+, 452+ Phil 100, 160, 175, 190, 240, 246, 300, 310, 320 Span 120, 121, 122, 130, 131, 132, 140, 161+, 162+ Spch 111, 112

**Area D: Social, Political, & Economic Institutions—Updated 2/2004** **9 units required**

9 units of coursework from Area D in at least two disciplines is required to meet CSU GE Area D requirements. To satisfy CSU Graduation requirement in US History, Constitution, and Calif State Government include one class from Group 1 and one class from Group 2 and the third class can be from any group.

**Group 1 American History and Institutions:** Hist 201, 202

**Group 2 US Constitution and State/Local Government:** Plsc 210, 310

**Group 3 Social Institutions:** Anth 105, 110, 180, 350, 360+, 370+ Econ 100, 102, 230+ ECE 201, 212 (as of Fa 2003), 264 Educ 100 Geog 110 Hist 102, 242+, 245+, 246+, 247, 310, 315, 421, 422+ Hmsv 264 Plsc 130, 150 Psyc 100, 106+, 110, 112, 200, 201, 202, 300, 340, 410 Soci 100 105 141+ 254 Sosc 250+

**Area E: Lifelong Understanding & Self Development** **3 units required (max. 1 unit from E2)**

**E1:** Biol 310 Crer 137 Hsci 100, 104, 105, 108, 430 Psyc 200^ (^if taken Fall 04 or thereafter), 340

**E2:** Adap 310, 350, 351, 361 Comb 401 410 Danc 125 126 140 205 210 215 220 230 350 400 Fitn 124, 140, 151, 201, 204, 210, 306, 320, 332, 340 Indv 120, 161, 164, 166, 251, 252, 254, 256 PE 115 116 Team 105, 111, 115, 141, 143, 148, 151, 171, 174

(+ courses meet Cañada’s Associate Degree Ethnic Studies requirement)

Completion of all IGETC requirements permits students to transfer from a community college to the CSU or the UC systems without the need, after transfer, to take additional lower-division general education courses to satisfy individual campus general education requirements. Many independent colleges accept all or part of IGETC in lieu of their specific general education course patterns.

At the completion of course work at Cañada College—and prior to transfer—it is important to request, an IGETC CERTIFICATION from the Admissions & Records Office to be mailed with the FINAL transcript to the transfer destination. Use PROJECT ASSIST ([www.assist.org](http://www.assist.org)) for the most up-to-date transfer information which includes general education and lower division major requirements.

NOTE: All areas must be satisfied and all courses must be completed with a grade of “C” or better before the IGETC can be certified.

### Area 1 - English Communication

CSU - Three courses required, one course from each group below. UC - Two courses required, one each from Group A and B

**Group A: English Composition** - one course, 3 semester units - **Engl 100**

**Group B: Critical Thinking - English Composition** - one cSource, 3 semester units - **Engl 110<sup>^</sup>**, 165 (<sup>^</sup>Engl 110 if taken Fall 2004 or thereafter)

**Group C: Oral Communication** (CSU requirement only) - one course, 3 semester units - **Spch 100**, 120<sup>^</sup> (<sup>^</sup>Spch 120 if taken Fall 2001 or thereafter)

### Area 2 - Mathematical Concepts and Quantitative Reasoning -

**3 semester units**

One course

**Math** 125, 200, 219, 241, 242, 251, 252, 253, 270, 275

### Area 3 - Arts and Humanities -

**9 semester units**

Three courses, with at least one from Group A Arts and one from Group B Humanities

**Group A: Arts** - **Art** 101, 102, 103, **Dram** 101, 140, **Lit** 441, 442, **Mus** 100, 131, 202,

**Group B: Humanities** - **Dram** 142, 143, 144, 151, 152 **Fren** 130, 140, 161, 162

**Lit** 101, 111, 142, 143, 151, 152, 200, 231, 232, 233, 251, 252+, 266+, 301, 370+, 371+, 372+, 373+, 375+ **Phil** 100, 160, 175, 190, 240, 300, 310, 320 **Span** 130, 140, 161+, 162+,

### Area 4 - Social and Behavioral Sciences -

**9 semester units**

Three courses selected from at least 2 disciplines

**Anth** 105, 110, 180, 360+, 370+ **ECE** 201<sup>^</sup>, 212<sup>^</sup> (<sup>^</sup>ECE 201, 212 if taken Fall 2003 or thereafter) **Econ** 100, 102, 230+, (+meets ethnic studies requirement if taken Fall 2003 or thereafter) **Geog** 110 **Hist** 102, 201, 202, 242+, 245+, 246+, 247, 310, 421, 422+ **PISc** 130, 150, 210 **Psyc** 100, 106+ 200, 201, 202, 300, 340, 410 **SoSc** 250+ **Soci** 100, 105, 141+, 254

### Area 5 - Physical & Biological Sciences -

**7 semester units**

Two courses, one course from Group A & one from Group B, one course must have a lab indicated by (\*)

**Group A: Physical Science** - **Astr** 100/101\*, 110<sup>^</sup> (<sup>^</sup>Astr 110 if taken Summer 2004 or thereafter) **Chem** 100, 210\*, 220\*

**Geog** 100 **Geol** 100 **NSci** 100 **Ocen** 100 **Phys** 210\*, 220\*, 250\*, 260\*, 270\*

**Group B: Biological Science** - **Anth** 125 **Biol** 100, 110\*, 130, 225\*, 230\*, 240\*, 250\*, 260\* **NSci** 100 **Paln** 110

### Area 6 - Language other than English (UC requirement only)

Proficiency equivalent to two years of high school study in the same language.

**Fren** 120 or 122 **Ital** 122 **Span** 120 or 122 Completed at high school: \_\_\_\_\_

### CSU Graduation Requirement in U.S. History, Constitution and American Ideals (CSU requirement only)

(Not part of IGETC; may be completed prior to transfer.) One course from Group 1 and one course from Group 2; 6 semester units. Courses used to meet this requirement may not be used to satisfy requirements for IGETC.

**Group 1: US History** - **Hist** 201, 202

**Group 2: US Constitution and State/Local** - **PISc** 210, 310

**Important:** + Courses meet Cañada’s Associate Degree Ethnic Studies requirement. Courses listed under more than one area may be used to satisfy only one area.

## CALIFORNIA STATE UNIVERSITY — TRANSFER COURSES 2004–2005

The following is a list of courses designated as transferable toward baccalaureate degree credit at all campuses of the California State University system. Always check with the Counseling Center for the most up-to-date information. Also, use PROJECT ASSIST ([www.assist.org](http://www.assist.org)) to access CSU and UC transferable course lists, I.G.E.T.C. lists, CSU General Education Requirements lists, course-to-course equivalency information, and major course requirement information. The PROJECT ASSIST database is recognized by the California Community Colleges, the California State University system, and the University of California system as the official database of articulation information. It is the most accurate and current source of information and is updated throughout the year as curriculum changes and colleges and universities make new articulation agreements.

### ACCOUNTING

ACTG 100, 121, 131, 133, 171, 190, 192, 194, 196, 680, 690, 695

### ANTHROPOLOGY

ANTH 105, 110, 125, 180, 350, 360, 370, 680, 690, 695

### ART

ART 100, 101, 102, 103, 125, 126, 127, 148, 201, 202, 204, 205, 206, 207, 214, 221, 222, 229, 231, 232, 301, 303, 314, 325, 351, 356, 357, 359, 361, 362, 368, 369, 370, 372, 376, 377, 378, 379, 390, 680, 690, 695

### ASTRONOMY

ASTR 100, 101, 110, 680, 690, 695

### BIOLOGICAL SCIENCES

BIOL 100, 103, 110, 130, 225, 230, 240, 250, 260, 310, 680, 690, 695

### BUSINESS/OFFICE TECHNOLOGY

BUS 100, 101, 103, 108, 115, 128, 132, 138, 149, 150, 170, 180, 184, 186, 201, 211, 395, 396, 397, 398, 415, 416, 417, 419, 422, 425, 426, 430, 431, 435, 436, 438, 439, 440, 441, 446, 447, 448, 450, 451, 453, 457, 459, 464, 466, 470, 472, 474, 475, 478, 479, 480, 482, 483, 484, 488, 492, 493, 494, 496, 497, 498, 680, 690, 695

### CAREER & PERSONAL DEVELOPMENT

CRER 112, 137, 140, 300, 401, 430

### CHEMISTRY

CHEM 100, 110, 111, 112, 192, 210, 220, 680, 690, 695

### COMPUTER INFORMATION SCIENCE & SYSTEMS

CIS 118, 119, COMP 235, 236, CIS 250, 251, 252, 253, 284, 285, 286, 287, 290, 291, COMP 311, 321, 322, 330, 331, 340, 350, 351, 680, 690, 695, CIS 372, 373, COMP 411, 422, 480

### COOPERATIVE EDUCATION

COOP 670, 672

### DRAMA

DRAM 101, 140, 142, 143, 144, 151, 152, 200, 201, 202, 203, 208, 209, 210, 211, 233, 300, 305, 680, 690, 695

### EARLY CHILDHOOD EDUCATION

ECE 201, 210, 211, 212, 213, 223, 225, 230, 240, 241, 242, 244, 250, 252, 254, 260, 262, 264, 313, 333, 350, 366, 382, 384, 386, 680, 690, 695

### ECONOMICS

ECON 100, 102, 230, 680, 690, 695

### EDUCATION

EDUC 100

### ENGINEERING

ENGR 100, 210, 215, 230, 240, 260, 261, 270, 410, 413, 680, 690, 695

### ENGINEERING TECHNOLOGY

ETEC 400, 410

### ENGLISH

ENGL 100, 110, 161, 162, 164, 165, 400, 680, 690, 695

### FASHION DESIGN

FASH 100, 110, 111, 113, 115, 116, 118, 120, 122, 123, 124, 129, 131, 132, 133, 134, 135, 146, 150, 162, 163, 164, 165, 166, 167, 168, 170, 171, 172, 175, 178, 180, 181, 190, 195, 196, 197, 199, 350, 680, 690, 695

### FILM

FILM 110

### FRENCH

FREN 110, 111, 112, 120, 121, 122, 130, 140, 161, 162, 196, 197, 680, 690, 695

### GEOGRAPHY

GEOG 100, 110, 301, 302, 303, 680, 690, 695

### GEOLOGY

GEOL 100, 110, 680, 690, 695

### HEALTH SCIENCE

HSCI 100, 104, 105, 108, 430, 432, 665, 680, 690, 695

### HISTORY

HIST 100, 101, 102, 103, 201, 202, 205, 242, 245, 246, 247, 310, 315, 421, 422, 425, 451, 452, 680, 690, 695

### HUMAN SERVICES

HMSV 100, 110, 115, 120, 130, 131, 150, 151, 160, 161, 262, 264, 366

### INTERIOR DESIGN

INTD 115, 126, 128, 130, 146, 147, 150, 250, 260, 270, 271, 276, 278, 340, 350, 356, 362, 363, 370, 450, 464, 680, 690, 695

### ITALIAN

ITAL 111, 112, 121, 122, 680, 690, 695

### JAPANESE

JAPN 111, 680, 690, 695

### LEARNING CENTER

LCTR 100, 110, 120, 138, 139, 140, 151, 400, 410, 440, 680, 690, 695

### LIBRARY SCIENCE

LIBR 100, 120, 680, 690, 695

**LITERATURE**

LIT 101, 105, 111, 142, 143, 144, 151, 152, 191, 192, 200, 231, 232, 233, 251, 252, 266, 301, 302, 370, 371, 372, 373, 375, 431, 441, 442, 445, 680, 690, 695

**MANAGEMENT**

MGMT 100, 204, 206, 208, 215, 220, 235, 304, 680, 690, 695

**MATHEMATICS**

MATH 125, 130, 140, 150, 200, 219, 241, 242, 251, 252, 253, 268, 270, 275, 680, 690, 695

**MUSIC**

MUS 100, 101, 102, 103, 104, 131, 132, 202, 301, 302, 303, 304, 305, 306, 307, 308, 371, 372, 373, 374, 405, 406, 407, 408, 440, 450, 461, 462, 463, 464, 476, 486, 490, 491, 680, 690, 695

**NATURAL SCIENCE**

NSCI 100, 680, 690, 695

**OCEANOGRAPHY**

OCEN 100, 680, 690, 695

**PALEONTOLOGY**

PALN 110, 680, 690, 695

**PARALEGAL**

LEGL 249, 250, 251, 252, 253, 254, 255, 256, 257, 260, 262, 264, 268, 270, 274, 276, 350, 680, 690, 695

**PHILOSOPHY**

PHIL 100, 103, 160, 175, 190, 200, 240, 246, 300, 310, 320, 680, 690, 695

**PHYSICAL EDUCATION**

ADAP 310, 320, 350, 351, 361,  
COMB 401, 410  
DANC 125, 126, 127, 140, 205, 210, 215, 220, 230, 350, 400, 680, 690, 695  
FITN 121, 122, 123, 124, 140, 151, 153, 201, 204, 210, 250, 251, 306, 320, 332, 334, 340, 680, 690, 695  
INDV 120, 161, 164, 166, 251, 252, 254, 256  
PE 115, 116, 118, 305, 306, 308, 680, 690, 695  
TEAM 105, 111, 115, 141, 143, 148, 151, 171, 174  
TEAM 180, 181  
VARS 104, 114, 140, 154, 170

**PHYSICS**

PHYS 210, 220, 250, 260, 270, 405, 680, 690, 695

**POLITICAL SCIENCE**

PLSC 103, 130, 150, 210, 310, 415, 680, 690, 695

**PSYCHOLOGY**

PSYC 100, 106, 108, 110, 112, 200, 201, 202, 221, 300, 340, 391, 410, 680, 690, 695

**RADIOLOGIC TECHNOLOGY**

RADT 430, 475, 680, 690, 695

**READING**

READ 420, 425, 680, 690, 695

**REAL ESTATE**

RE 100, 110, 141

**SOCIAL SCIENCE**

SOSC 120, 250, 680, 690, 695

**SOCIOLOGY**

SOCI 100, 105, 141, 254, 680, 690, 695

**SPANISH**

SPAN 110, 111, 112, 120, 121, 122, 130, 131, 132, 140, 161, 162, 196

**SPEECH COMMUNICATION**

SPCH 100, 105, 111, 112, 120, 130, 140, 680, 690, 695

## UNIVERSITY OF CALIFORNIA — TRANSFER COURSES 2003–2004

The following is a list of courses designated as transferable toward baccalaureate degree credit at all campuses of the University of California system. This information is current through July 30, 2004. The UC Transfer Course Agreement for 04-05 was not available for publication at the time of the publication of this catalog. For current 04-05 list of UC transferable classes go to [www.assist.org](http://www.assist.org). Use PROJECT ASSIST ([www.assist.org](http://www.assist.org)) to access UC and CSU transferable course lists, I.G.E.T.C. lists, CSU General Education Requirements lists, course-to-course equivalency information, and major course requirement information. The PROJECT ASSIST database is recognized by the California Community Colleges, the California State University system, and the University of California system as the official database of articulation information. It is the most accurate and current source of information and is updated throughout the year as curriculum changes and colleges and universities make new articulation agreements.

### Variable Topics Courses

Variable Topics courses refers to 680's, Selected Topics, 690's, Research Projects, and 695's, Independent Study. Credit for this courses is given only after a review of the course outline by the enrolling UC campus. This usually occurs after transfer. UC will not give credit for variable topics courses in Journalism, Photography, Health, Business Administration, Architecture, Administration of Justice, or Library Departments due to credit restrictions in those areas.

### Physical Education Activity Courses

The University of California gives a maximum of four semester units of credit for Physical Education activity courses. P.E. activity courses are not listed on the TCA, however, P.E. theory or courses that do not fit either the theory or activity category are listed.

### ACCOUNTING

ACTG 121 (4-5), 131 (4-5)

### ANTHROPOLOGY

ANTH 105, 110, 125, 180, 360, 370

### ART

ART 101, 102, 103, 201, 202, 204, 205, 206, 207, 214, 221, 222, 229, 231, 232, 301, 303, 325, 351, 362\*, 376\*, 377\*, (\*combined max credit: one course)

### ASTRONOMY

ASTR 100, 101, 110

### BIOLOGY

BIOL 100\*(\* no credit if taken after BIOL 110), 110, 130, 225, 230, 240, 250, 260, 310

### BUSINESS/OFFICE TECHNOLOGY

BUS 100, 103, 201, 430\*, 431\* (both \*430 & \*431 must be taken for transfer credit)

### CAREER AND PERSONAL DEVELOPMENT

401

### CHEMISTRY

CHEM 100\*, 112\*, 192\* (\*no credit for 100, 112 or 192 if taken after 210, max credit combined: one course), 210, 220

### COMPUTER INFORMATION SCIENCE & SYSTEMS—COMPUTER INFORMATION SCIENCE

CIS 118, 119, 250, 251, 252, 253, 284, 285, 286, 287, 290, 291

### COMPUTER INFORMATION SCIENCE & SYSTEMS—COMPUTER INFORMATION SYSTEMS

COMP 235, 236, 311, 330\*, 331\* (\*combined max credit: one course), 411

### DANCE

DANC 125, 126, 127, 140, 205, 210, 215, 220, 230, 400

### DRAMA

DRAM 101, 140, 142, 143, 144, 151, 152, 200, 201, 202, 203, 208, 209, 210, 211, 233, 300, 305

### EARLY CHILDHOOD EDUCATION

ECE 201, 212

### ECONOMICS

ECON 100, 102, 230

### ENGINEERING

ENGR 100, 210, 215, 230, 240, 260, 261, 270, 410\*, 413\* (\*combined max credit: one course)

### ENGLISH

ENGL 100, 110, 161, 162, 165, 400

### FASHION DESIGN

FASH 113

### FRENCH

FREN 110, 111\*, 112\* (\*111 and 112 both must be taken for transfer credit, maximum credit for both classes is 5 units), 120, 121\*, 122\* (\*121 and 122 both must be taken for transfer credit, maximum credit for both classes is 5 units), 130, 140, 161, 162

### GEOGRAPHY

GEOG 100, 110

### GEOLOGY

GEOL 100, 110

### HEALTH SCIENCE

HSCI 100, 430\*, 432\* (\*combined max credit: one unit)

### HISTORY

HIST 100, 101, 102, 201, 202, 205, 242, 245, 246, 247, 310, 421, 422, 425, 451, 452

**ITALIAN**

ITAL 111\*, 112\* (\*ITAL 111 and 112 both must be taken for transfer credit, maximum credit for both classes is 5 units), 121\*, 122\* (\*ITAL 121 and 122 both must be taken for transfer credit, maximum credit for both classes is 5 units)

**LIBRARY SCIENCE**

LIBR 100\*, 120\* (\*combined max credit: one course)

**LITERATURE**

LIT 101, 105, 111, 142, 143, 144, 151, 152, 200, 231, 232, 233, 251, 252, 266, 301, 302, 370, 371, 372, 373, 375, 431, 441, 442

**MATHEMATICS**

MATH 125, 140, 150, 200, 219\* (\* max credit 4 units), 241\*, 242\*\*, 251\*, 252\*\*, 253, (\*241 & 251 combined: max credit one course), (\*\*242 & 252 combined: max credit one course), 268, 270, 275

**MUSIC**

MUS 100\* (\*no credit for MUS 100 if taken after 101 or 131), 101, 102, 103, 104, 131, 132, 202, 301, 302, 303, 304, 305, 306, 307, 308, 371, 372, 373, 374, 450, 461, 462, 463, 464, 476, 486, 490, 491

**NATURAL SCIENCE**

NSCI 100\* (\*no credit if taken after a college course in Biological or Physical Sciences)

**OCEANOGRAPHY**

OCEN 100

**PALEONTOLOGY**

PALN 110

**PHILOSOPHY**

PHIL 100, 103, 160, 175, 190, 200, 240, 300, 310, 320

**PHYSICAL EDUCATION /THEORY**

PE 305, 306

**PHYSICS**

PHYS 210\*, 220\*, 250\*, 260\*, 270\* (\*210, 220 combined with 250, 260, 270: max credit, one series, deduct for duplication on topics)

**POLITICAL SCIENCE**

PLSC 103, 130, 150, 210

**PSYCHOLOGY**

PSYC 100, 106, 200\*, 201\* (\*PSYC 200 & 201 combined: max credit one course), 202, 300, 340, 410

**SOCIAL SCIENCE**

SOSC 250

**SOCIOLOGY**

SOCI 100, 105, 141, 254

**SPANISH**

SPAN 110, 111\*, 112\* (\*111 and 112 both must be taken for transfer credit, maximum credit for both classes is 5 units), 120, 121\*, 122\* (\*121 and 122 both must be taken for transfer credit, maximum credit for both classes is 5 units), 130, 140, 161, 162

**SPEECH COMMUNICATION**

SPCH 100, 105, 111, 112, 120, 130, 140