

## Associate in Arts Degree and Associate in Science Degree

The awarding of an Associate Degree is intended to represent more than an accumulation of units. It is to symbolize a successful attempt on the part of the College to lead students through patterns of learning experiences designed to develop individual capabilities and insights.

Among these are the ability to think and to communicate clearly and effectively both orally and in writing; to use mathematics; to understand the modes of inquiry of the major disciplines; be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; and to develop the capacity for self-understanding. In addition to these accomplishments, the student shall possess sufficient depth in some field of knowledge to contribute to lifetime interest.

Central to an Associate Degree, General Education is designed to introduce students to the variety of means through which people comprehend the modern world. It reflects the conviction of colleges that those who receive their degrees must possess in common certain basic principles, concepts and methodologies both unique to and shared by the various disciplines. College educated persons must be able to use this knowledge when evaluating and appreciating the physical environment, the culture and the society in which they live. Most importantly, General Education should lead to better self-understanding.

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 requirements A through G listed below. Substitutions and waivers for degree requirements may be authorized by petition to the appropriate Division Dean. An application for the degree must be filed in the Admissions and Records Office during the last semester of attendance (refer to calendar for the college year for deadline).

### Graduation Requirements Student Catalog Rights

Graduation requirements are listed in the Catalog. Each Catalog covers an academic year that reflects enrollment beginning with the fall term and includes subsequent spring and summer terms. Having "catalog rights" means students are held to the graduation requirements listed in the catalog at the time enrollment begins. Students may choose to use catalog rights for any subsequent year of continuous enrollment. For Cañada College, College of San Mateo, and Skyline College, catalog rights apply to enrollment in any of the San Mateo County Community College District colleges.

For the purpose of this policy, "continuous enrollment" means attending at least one term (fall, spring, summer) each academic year. Attendance is required through the fourth week of instruction for semester length classes or thirty percent (30%) of summer classes and semester classes that are shorter than the full semester.

Catalog rights gained at a college outside of the San Mateo Community College District are not applicable at Cañada College, College of San Mateo, or Skyline College.

Catalog rights cannot supersede any State or Federal Regulation or requirement in effect at the time of graduation.

#### **A. Resident Requirement.**

A minimum of 12 units must be completed in residence at Cañada College.

#### **B. Scholarship Requirement.**

A 2.0 grade point average is required for all degree applicable coursework taken within the San Mateo County Community College District, and all incoming degree applicable coursework taken outside the District.

#### **C. Major Requirement.**

A minimum of 18 units in a discipline or related disciplines as specified by the appropriate division. A grade point average of 2.0 in the major is required. All core classes applied to the major must receive a grade of C or better. Some majors require a minimum C (or Credit) grade in each course. Fifty percent of the units required for the major must be completed at Cañada College.

#### **D. Basic Competency Requirements.**

Competency requirements exist for the areas of Reading, Writing, Mathematics and Computer Literacy. Students must demonstrate competency according to the following in each of the areas in order to be eligible for the A.A. or A.S. degree. Note: Satisfactory completion is defined as a grade of C or better.

1. Reading
  - a. Eligibility for English 100 as determined by the English placement test
  - b. Satisfactory completion of English 100 or
  - c. Satisfactory completion of Reading 836
2. Writing
  - a. Satisfactory completion of English 100 with a grade of "C" or better
3. Mathematics/Quantitative Reasoning
  - a. Eligibility for any transfer-level math course as determined by a Cañada College approved placement test; or
  - b. Satisfactory completion of Math 120 or 122 and 123; or
  - c. Satisfactory completion of any course having at least Math 120 (Intermediate Algebra) as a prerequisite.

#### 4. 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.

- a. Satisfactory completion of a minimum of 1.0 unit of one of the following: ACTG 190, 192, 194, 196; any computer related MART course; BUS.103; any computer related CBOT course above 417; any computer related CIT course; any CIS course; any COMP course; FASH 180, INTD 362, 363; LEGL 276, or MEDA 115, or MEDA 150

or

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

### **E. General Education Requirements**

General Education is the part of an educational program which introduces students to areas of study that develop breadth of outlook and contribute to balanced development. This general education is complementary to, but different in emphasis from, the specialized education received for a job, a profession, or from focusing on a particular field of study. The purpose of the program in General Education is to assist students in moving toward the following goals:

- Developing critical and constructive thinking for problem solving and value discrimination.
- Understanding their relationship to their biological, physical, and cultural environment.
- Understanding the creative activity of others and participating to some extent in creative activity.
- Using basic mechanical, mathematical, and communication skills to solve everyday problems, understand ideas of others, and express ideas effectively.
- Developing a code for personal and civic life as a responsible citizen in a democracy.
- Maintaining good mental and physical health and social adjustment.

Specific General Education Unit Requirements (See AA/AS Degree General Education Pattern on page 55.)

- Associate in Arts Degree—18 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 activity 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
- 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 Academic Standards Committee.

### **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 graduat-

ing candidates must file an application for the appropriate degree or certificate according to deadlines published in the Schedule of Classes and 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 5).

### **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.

### **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 Achievement are those that are 12 or more units of course work that have been approved by the State of California and will be posted to the student's transcript. Skills/Career Certificates are those that are up to 11.5 units of course work and will be awarded to the student by the department offering the certificate. Skills/Career Certificates will not be posted to the transcript. 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 of Achievement have been designed on the career ladder concept. Some of the course work applied to the certificates can also be applied to associate degrees. If no associate degree major exists in the area, some of the units can be counted as electives toward any associate degree. If an associate degree with the specific major exists, the units may make up an Associate Degree major.

### **Certificate of Achievement 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 Admissions and Records Office, Building 9, first floor.
3. All CORE classes applied to the certificate must receive a grade of C or better. If the course is evaluated by pass or no pass 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. A 2.0 grade point average is required for all degree applicable coursework taken within the San Mateo County Community College District and all incoming degree applicable coursework taken outside the District.

4. Overall grade point average of at least 2.0 in all certificate courses (required core + selectives).
5. Computer Literacy Requirement: Satisfactory completion of a minimum of 1.0 unit of one of the following: ACTG 190, 192, 194, 196; any computer related MART course; BUS.103; any computer related CBOT course above 417; any computer related CIT course; any CIS course; any COMP course; FASH 180, INTD 362, 363; LEGL 276, or MEDA 115, or MEDA 150, OR a passing score on the Cañada College computer literacy test (both written and hands-on).
6. Students must be in “good academic standing” to receive a Certificate of Achievement.

**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 Dean of Student Services to request a limited waiver of this requirement.

**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.”



## Advanced Placement Test Policy

Cañada College grants credit for College Board Advanced Placement Tests. The following list of College Board Advanced Placement Tests indicates the applicability of the AP test to the Cañada College Associate degree General Education requirements, California State University General Education certification and Intersegmental General Education Transfer Curriculum (IGETC) Certification. A score of 3, 4, or 5 is required to receive credit. It is the student's responsibility to submit official copy of the test score to Admissions and Records Office at Cañada College.

Advanced Placement Test*	Application of AP test toward Cañada College General Education degree requirements (semester units)	Application of AP test toward CSU General Education Certification (total semester units) 5/10/2010	CSU General Policy RE: AP minimum semester units earned**	Application of AP test toward IGETC certification: 3 Semester units or 4 quarter units	UC General Policy RE: AP Total quarter units awarded
Art History	3 units in Humanities/Arts area	3 units in Area C1	6 units	Area 3A or 3B	UC 8 units
Art (Studio): 2D design 3D design Drawing	None	None	3 units	None	UC 8 units (8 quarter unit maximum for all 3 tests)
Biology	3 units in Natural Science/Life area	4 units in Area B2 & B3	6 units	Area 5B with Lab	*UC 8 units
Chemistry	4 units in Natural /Physical Science w/lab area (1)	4 units in Area B1 & B3 (1)	6 units	Area 5B with lab	*UC 8 units
Comparative Government and Politics	3 units in Social Science area	3 units in Area D	3 units	Area 4	*UC 4 units
U.S. Governments and politics	3 units in Social Science area	3 units Area D	3 units	Area 4	*UC 4 units
Computer Science A Computer Science B	None None	None None	3 units 6 units	None None	*UC 2 units *UC 4 units (4 quarter unit maximum for both tests)
Economics: Macroeconomics Microeconomics	3 units in Social & Behavioral Science/SI 3 units in Social & Behavioral Science/SI	3 units in Area D 3 units in Area D	3 units 3 units	Area 4 Area 4	*UC 4 units *UC 4 units
English Language & Composition Literature	Meets Eng & reading comprehension. and 3 units in Written Communication  3 units in the Written Com or Humanities area	3 units in Area A2  6 units in Area A2 + Area C2	6 units  6 units	Area 1A  Area 1A or Area 3B	*UC 8 units  *UC 8 units
Environmental Science	3 units in Social Sciences area	4 units –if test taken Fall 2009 or earlier, may apply to either area B1 &B3 or B2 & B3; after Fall 2009 may only apply to area B1 & B3.	4 units	Area 5A with Lab	*UC 4 units
History: European History United States History  World History	3 units in Social & Behavioral Science area	3 units in Area C2 or Area D 3 units in Area C2 or Area D and US-1 3 units in Area C2 or Area D	6 units 6 units 6 units	Area 3B or Area 4 Area 3B or Area 4 Area 3B or Area 4	*UC 8 units *UC 8 units *UC 8 units
Human Geography	3 units in Social & Behavioral Science area	3 units in Area D	3 units	Area 4	*UC 4 Units
Languages other than English	Each test generates 6 semester units in Humanities area				
Chinese Language and Culture	3 units in Social Sciences area	3 units in Area C2	6 units	Area 6A & Area 3B	*UC 8 units
French Language	3 semester units in Humanities area (2)	3 units in Area C2 (2)	6 units	Area 6A & Area 3B	*UC 8 units
French Literature	3 semester units in Humanities area	3 units in Area C2 If taken prior to Fall 09	6 units	Area 6A & Area 3B	*UC 8 units
German Language	3 semester units in Humanities area (2)	3 units in Area C2 (2)	3 units	Area 6A & Area 3B	*UC 8 units

Advanced Placement Test*	Application of AP test toward Cañada College General Education degree requirements (semester units)	Application of AP test toward CSU General Education Certification (total semester units) 5/10/2010	CSU General Policy RE: AP minimum semester units earned**	Application of AP test toward IGETC certification: 3 Semester units or 4 quarter units	UC General Policy RE: AP Total quarter units awarded
Italian Language and Culture	3 semester units in Humanities area	3 units in Area C2 If taken prior to Fall 10	6 units	Area 6A & Area 3B	*UC 8 units
Japanese Language and Culture	3 semester units in Humanities area	3 in Area C2	6 units	Area 6A & Area 3B	*UC 8 units
Latin Literature	3 semester units in Humanities area	3 units in Area C2 If taken prior to Fall 09	6 units	Area 6A & One course in Area 3B	*UC 4 units
Latin: Vergil	3 semester units Humanities area	3 units in Area C2	3 units	Area 6A & One course in Area 3B	*UC 4 units
Spanish Language	3 semester units in Humanities area (2)	3 units in Area C2 (2)	6 units	Area 6A & Area 3B	*UC 8 units
Spanish Literature	3 semester units in Humanities area (2)	3 units in Area C2 (2)	6 units	Area 6A & Area 3B	*UC 8 units
Mathematics: Calculus AB Calculus BC Calculus BC/AB Subscore	Both meet math competency requirement  3 semester units in Analytical Thinking area (3) 3 semester units in Analytical Thinking area (3) 3 semester units in Analytical Thinking area (3)	 3 units in Area B4 (3) 3 units in Area B4 (3) 3 units in Area B4 (3)	 3 units 6 units 3 units	 Area 2 Area 2	 *UC 4 units *UC 8 units (8 quarter units maximum for all exams)
Music Theory	3 units in Humanities /Arts area	3 units if test taken prior to Fall 2009	6 units	None	*UC 8 units
Physics:				8 quarter units maximum for all 3Physics tests:	
Physics B	4 units in Natural Science/Physics with lab	4 units in Area B1+B3 (1 & 4)	6 units	Area 5A with lab	*UC 8 units
Physics C: Electricity/Magnetism	4 units in Natural/Physical Science area	4 units in Area B1 + B3 (4)	4 units	Area 5A with lab	UC 4 units
Physics C: Mechanics	4 units in Natural Science/Physical area	4 units in Area B1+B3 (4)	4 units	Area 5A with lab	*UC 4 units
Psychology	3 units Social & Behavioral/Social Institutions area	3 units in Area D	3 units	Area 4	*UC 4 units
Statistics	3 units in Analytical Thinking and meets the math competency	3 units in Area B4	3 units	Area 2	*UC 4 units
1) 6 units if test taken prior to Fall2009 , and 4 units if test taken after Fall 2009 2) 6 units if test taken prior to Fall2009 , and 3 units if test taken after Fall 2009 3) If a student passes more than one AP exam in calculus or computer science, only one examination may be applied to the baccalaureate 4) If a student passes more than one AP exam in physics, only 6 units of credit may be applied to the baccalaureate, and only four units of credit may be applied to a certification in GE Breadth					

\*Cañada College applies AP credit toward the Associate degree general education requirements in the same manner as the California State University System applies AP credit to CSU General Education/Breadth requirements. The chart above outlines general education application for Advanced Placement credit. AP credit application to university majors and degree requirements is determined by evaluators at each Transfer institution. Students should be aware that college courses taken after the AP test may duplicate the content of the AP test and, in these cases; the university (transfer institution) may not award credit for both the course and the AP test. Space does not permit discussion of how AP credit is granted for every university and program. Students are advised to thoroughly investigate AP credit as it relates to University Transfer.

## References:

CSU Chancellor Office, Memo Code: AA-2010-09: System- wide Credit for External Examination Standards, policies and procedures for Intersegmental Education Transfer Curriculum Version 1.1, June 4, 2009  
 UC Quick Reference for counselors 2010-11

## International Baccalaureate (IB) Credit Policy\*

The following chart outlines the application of IB credits towards general education requirements for an Associate degree, the CSU General Education Certification, and CSU and UC Intersegmental General Education Transfer Curriculum (IGETC) certification. Students must have received minimum required score on Higher Level exam as noted in the chart to receive credit for the subject listed below.

<b>IB Exam (all must be Higher Level)</b>	<b>Application to AA/AS Degree at Cañada College 3 Semester units</b>	<b>Application to CSU GE – Certification 3 Semester units (as of 5/10/2010)**</b>	<b>Application to UC IGETC Certification 3 Semester units or 4 quarter units (as of 9/09)</b>
Biology	Area B (Natural Sciences) Minimum score of 5	Area B2 (Life Sciences) Minimum score of 5	Area 5B (without Lab) Biological Sciences Minimum score of 5, 6, or 7
Chemistry	Area B (Natural Sciences) Minimum score of 5	Area B1 (Physical Science) Minimum score of 5	Area 5A (without Lab) (Physical Sciences) Minimum score of 5, 6, or 7
Economics	Area D (Social Sciences) Minimum score of 5	Area D (Social Sciences) Minimum score of 5	Area 4 (Social and Behavioral Sciences) Minimum score of 5, 6, or 7
Geography	Area D (Social Sciences) Minimum score of 5	Area D (Social Sciences) Minimum score of 5	Area 4 (Social and Behavioral Sciences) Minimum score of 5, 6, or 7
History (any Region)	Area D (Social Sciences) Minimum score of 5	Area C2 (Humanities) <b>or</b> Area D (Social Sciences)* Minimum score of 5	*Area 3B (Humanities) <b>or</b> Area 4 (Social and Behavioral Sciences) Minimum score of 5, 6, or 7
Language (A1)	Area C (Humanities) Minimum score of 4	Area C2 (Humanities) Minimum score of 4	Area 3B(Humanities) and Area 6A (Language other than English) Minimum score of 5, 6, or 7
Language (A2)	Area C (Humanities) Minimum score of 4	Area C2 (Humanities) Minimum score of 4	Area 3B (Humanities) and 6A (Language other than English) Minimum score of 5, 6, or 7
Language B (any language )	N/A	N/A	Area 6A (Language other than English)
Mathematics	(Math Competency) Minimum score of 4	Area B4 (Math Concept) Minimum score of 4	Area 2 (Mathematical Concepts and Quantitative Reasoning)
Physics	Area B (Natural Sciences) Minimum score of 5	Area B1 (Physical Science) Minimum score of 5	Area 5A (without Lab) (Physical Sciences) Minimum score of 5, 6, or 7
Psychology	Area D (Social Sciences) Minimum score of 5	Area D (Social Sciences) Minimum score of 5	Area 4 (Social and Behavioral Sciences) Minimum score of 5, 6, or 7
Theater	Area C (Humanities) Minimum score of 4	Area C1 (Arts) Minimum score of 4	Area 3A (Arts) Minimum score of 5, 6, or 7
*IB exam may be used only in one of the areas. ** Minimum semester credit earned for Psychology is 3 units and the minimum semester credit earn other subjects listed above is 6 units.			

The chart above outlines general education application for International Baccalaureate (IB) Exam. IB credit application to university majors and degree requirements is determined by evaluators at each Transfer institution. Students should be aware that college courses taken after the IB test may duplicate the content of the IB test and, in these cases; the university (transfer institution) may not award credit for both the course and the IB test. Space does not permit discussion of how AP credit is granted for every university and program. Students are advised to thoroughly investigate AP credit as it relates to University Transfer.

References:

CSU Chancellor Office, Memo Code: AA-2010-09: System- wide Credit for External Examination

Standards, policies and procedures for Intersegmental Education Transfer Curriculum Version 1.1, June 4, 2009

UC Quick Reference for counselors 2010-11

## College Level Examination Program (CLEP)

The following chart reflects the College Level Examination Program (CLEP) credits that will be awarded toward California State University General Education certification and Cañada College General Education requirements.

	Passing Score	Minimum Semester Credits Earned	Semester Credits Toward GE Breadth Certification	American Institutions and/or GE Breadth
American Government	50	3	3	Area D
American Literature	50	3	3	Area C2
Analyzing and Interpreting Literature	50	3	3	Area C2
Biology	50	3	3	Area B2
Calculus	50	3	3	Area B4
Chemistry	50	3	3	Area B1
College Algebra	50	3	3	Area B4
College Algebra - Trigonometry	50	3	3	Area B4
College Math	50	0	0	N/A
English Composition (no essay)	50	0	0	N/A
English Composition (with essay)	50	0	0	N/A
English Literature	50	3	3	Area C2
Financial Accounting	50	3	0	N/A
French Level I (1)	50	6	0	N/A
French Level II (1)	59	12	3	Area C2
Freshman college composition	50	0	0	N/A
German Level I (1)	50	6	0	N/A
German Level II (1)	60	12	3	Area C2
History United States I	50	3	3	Area D + US 1
History United States II	50	3	3	Area D + US 1
Human Growth and Development	50	3	3	Area E
Humanities	50	3	3	C2
Information System and Computer applications	50	3	0	N/A
Introduction to educational Psychology	50	3	0	N/A
Introductory Business Law	50	3	0	N/A
Introductory Psychology	50	3	3	Area D
Introductory Sociology	50	3	3	Area D
Natural Sciences	50	3	3	Area B1 or B2
Pre-Calculus	50	3	3	Area B4
Principles of Accounting	50	3	0	N/A
Principles of Macroeconomics	50	3	3	Area D
Principles of Management	50	3	0	N/A
Principles of Marketing	50	3	0	N/A
Principles of Microeconomics	50	3	3	Area D
Social Sciences and History	50	0	0	N/A
Spanish Level I (1)	50	6	0	N/A
Spanish Level II (1)	63	12	3	Area C2
Trigonometry	50	3	3	Area B4
Western Civilization I	50	3	3	Area C2 or Area D
Western Civilization II	50	3	3	Area D

Note: CLEP cannot be used in IGETC certification.

Reference: CSU Chancellor Office, Memo Code: AA-2010-09: System- wide Credit for External Examination

# AA/AS Degree General Degree Pattern

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 Engl 100 as determined by the English Placement Exam or satisfactory completion of Read 836
- Writing:** Satisfactory completion of Engl 100
- Math:** Placement into transfer-level math course on SMCCCD Math Placement Test or completion of Intermediate Algebra (Math 120 or Math 122 and 123) with a grade of "C" or better or successful completion of any course with a Math 120 prerequisite
- Computer Literacy:** Satisfactory completion of a minimum of 1.0 unit of one of the following: any computer related MART course; BUS.103; any computer related CBOT course above 417; any CIS course; any COMP course; ENGR 210, 410, 413; FASH 18, LEGL 276, or MEDA 115, 150 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 activity course. The following activity courses do not fulfill the requirement: **DANC** 391, **FITN** 245, 250, 251; **PE** 305, 306, and ALL 670, 672, & 695 courses,
- D. Major:** See the College Catalog for major course requirements (fifty percent of the units required for 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 – 18 units required**

**ASSOCIATE IN SCIENCE GENERAL EDUCATION – 18 units required**

## GE Area A: Language and Rationality

**6 semester units**

**English Composition Requirement:**

3 units – Engl 100

**Communication and Analytical Thinking Requirement:**

3 units from the following selections:

**MATH** 115, 120, 122, 123, 125, 130, 140, 200, 222, 241, 251 **BUS.** 115 **CIS** 118 **ENGL** 110, 165 **PHIL** 103, 200 **SPCH** 100, 120 **PLSC** 103, 150

## GE Area B: Natural Sciences

**3 semester units**

**Physical Science:** **ASTR** 100, 101 **ANTH** 126 **CHEM** 112, 192, 210, 220, 234, 235, 237, 238, 410 **GEOL** 100, 101 **GEOG** 100  
**METE** 100 **OCEN** 100, 101 **PHYS** 210, 211, 221, 250, 260, 405

**Life Science:** **ANTH** 125, 126 **BIOL** 100, 103, 110, 130, 132, 225, 230, 240, 250, 260, 310 **HSCI** 100, 104, 105, 108 (through Fall 2010)

## GE Area C: Humanities

**3 semester units**

**Arts:** **ART** 101, 102, 103, 104, 105, 201, 204, 210, 214, 301, 304, 351, 352 **DRAM** 101, 140 **INTD** 115, 148, 150, 151  
**MUS.** 100, 115, 120, 121, 122, 131, 161, 202, 210, 230, 240, 250, 260, 271

**Development of Cultures:** **HIST** 100, 101, 104, 106, 243, 245+, 246+, 247+, 451+, 452+, 455

**Languages:** **SPAN** 110, 111, 112, 120, 121, 122, 130, 131, 132, 140, 150+, 152+, 161+, 162+

**Literature:** **DRAM** 142, 143, 151, 152 **ECE.** 191, 192 **ENGL** 110, 161, 162 **LIT.** 101, 142, 143, 151+, 152+, 200, 205, 231, 232, 233, 251, 252+, 266+, 301, 370+, 371+, 372+, 373+, 375+ 441, 442, 445 **SPCH** 102, 111, 150

**Philosophy:** **ANTH** 200, 351 **PHIL** 100, 160, 190, 240, 300, 320 **PLSC** 150

+ Indicates Ethnic Studies course

## GE Area D: Social and Behavioral Sciences

**3 semester units**

**US 1:** **ECON** 230 **HIST** 201, 202 **US 2:** **HIST** 201, 202 **PLSC** 200, 210 **US 3:** **PLSC** 200, 210, 310

**Social Institutions:** **ANTH** 110, 200, 352 **BUS.** 100 **ECE.** 201, 212+, 264 **ECON** 100, 102, 230+ **EDUC** 100 **ENGL** 200 **GEOG** 110  
**HIST** 104, 106, 201, 202, 242+, 243, 245+, 246+, 247+, 422+, 455 **HMSV** 100, 264 **LING** 200 **PLSC** 130, 150, 170, 200, 210, 310+, 320, 415  
**PSYC** 100, 106+, 110, 112, 200, 201, 202, 205, 300, 340, 410 **SOCI** 100, 105, 141+, 205 **SPCH** 102, 150

+ Indicates Ethnic Studies course

## GE Area E: Ethnic Studies

**3 semester units**

**DRAM** 160 **ECE** 212, 254 **ECON** 230 **HIST** 242, 245, 246, 247, 422, 425, 451, 452 **LIT.** 252, 266, 370, 371, 372, 373, 375 **PLSC** 310 **PSYC** 106  
**SOCI** 141 **SOSC** 250 **SPAN** 150, 152, 161, 162

## F. General Electives - Additional courses to meet the minimum 60 units degree requirement.

# CSU General Education Requirements Worksheet

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 areas 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—students must 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.

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## Area A: English Language Communication and Critical Thinking

9 units required

One course required from each subsection.

**A1 ORAL COMMUNICATION:** SPCH 100, 120

**A2 WRITTEN COMMUNICATION:** ENGL 100

**A3 CRITICAL THINKING:** ENGL 110, 165 PLSC 103 PHIL 103, 200

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## Area B: Scientific Inquiry and Quantitative Reasoning

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 112\*, 210\*, 220\*, 234, 235, 237\*, 238\*, 410\* GEOG 100  
GEOL 100 NSCI 100 OCEN 100, 101\* PHYS 210\*, 220\*(Fa 07 or thereafter), 250\*, 260\*, 405

**B2 Life Science:** ANTH 125, 126\* (Fa 08 or thereafter) BIOL 100, 103\*, 110\*, 130, 132\* (Fa 08 or thereafter), 225\*, 230\*, 240\*, 250\*, 260\*  
NSCI 100

**\*B3 Lab:** Courses identified with an "\*" , OCEN 101 (only if OCEN 100 is successfully completed prior to or concurrently with OCEN 101)

**B4 Math Concept:** MATH 125, 130, 140, 200, 222, 241, 242, 251, 252, 253

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## Area C: Arts and Humanities

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 101, 102, 103, 104, 105 (Fa 08 or thereafter), 125+, 126+, 127+, 210, 214, 301 DRAM 101, 140, 142, 143, 160+ (Fa 08 or thereafter)  
INTD 150 LIT. 142, 143, 441, 442 MUS. 100, 115, 131, 202, 210 (Fa 08 or thereafter), 230 (Fa 08 or thereafter), 240, 250, 260 (Fa 08 or thereafter), 271 (Fa 08 or thereafter)

**C2 Humanities:** DRAM 142, 143, 151 (Fa 09 or thereafter), 152 (Fa 09 or thereafter) ENGL 110, 161, 164 ECE 192 (Sp 07 or thereafter)  
HIST 100, 101, 104, 106, 243, 245+, 246+, 247, 451+, 452+, 455  
LIT. 101, 111, 142, 143, 151, 152, 200, 205, 231, 232, 233, 251, 252+, 266+, 301, 370+, 371+, 372+, 373+, 375+, 441, 442, 445  
PHIL 100, 160, 190, 240, 300, 320 SPAN 120, 121, 122, 130, 131, 132, 140, 150+, 152+, 161+, 162+ SPCH 111

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## Area D: Social Sciences

9 units required

The 3 courses selected must be from at least two disciplines.

CSU United States History, Constitution and American Ideals (The California State University, before awarding a degree, requires students to complete courses or examinations that address: the historical development of American institutions and ideals Area US-1; and the Constitution of the United States and the operation of representative democratic government under that Constitution Area US-2; and the process of California state and local government Area US-3. Courses approved in two US areas may be used to satisfy both areas.

**US-1:** ECON 230 HIST 201, 202 **US-2:** HIST 201, 202 PLSC 200 (Fa 08 or thereafter), 210 **US-3:** PLSC 200 (Fa 08 or thereafter), 210, 310

**Social Institutions:** ANTH 105, 110, 180, 200 (Fa 08 or thereafter), 350, 351 (Fa 08 or thereafter), 360+, 370+ ECON 100, 102, 230+ ECE. 201, 212+, 264  
EDUC 100 ENGL 200 GEOG 110 HIST 104, 106, 201, 202, 242+, 243, 245+, 246+, 247, 422+, 455 HMSV 264 PLSC 130, 150, 170, 200, 210, 310+, 320  
PSYC 100, 106+, 110, 112, 200, 201, 202, 205, 300, 340, 410 SOCI 100, 105, 141+, 205 SPCH 102, 120, 150

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## Area E: Lifelong Learning & Self Development

3 units required (max. 1 unit from E2)

**E1:** BIOL 310 CRER 137 HSCI 100, 104, 105, 430 PSYC 200, 340

**E2:** DANC 125, 126, 127, 140, 143 (Fa 09 or thereafter), 205, 210, 215, 220, 230, 400 FITN 117, 118, 119, 122, 123, 124, 128, 129 (Fa 08 or thereafter), 151, 153,  
154, 210, 320, 332, 334, INDV 120, 161, 164, 166 TEAM 101 (Fa 09 or thereafter), 102 (Fa 09 or thereafter), 105, 111, 115, 141, 143, 148, 151, 171, 174, 180,  
181, 185 VARS 104, 114, 140, 154, 170, 340

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

# Inter-segmental General Education Transfer Curriculum (IGETC) Worksheet

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—students must 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.

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## Area 1: English Communication

9 semester units

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 Course, 3 semester units - ENGL 110, 165

**Group C: Oral Communication** (CSU requirement only) - one course, 3 semester units - SPCH 100, 120

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## Area 2: Mathematical Concepts and Quantitative Reasoning

3 semester units

One course

MATH 125, 140 (Fa 07 or thereafter), 200, 222, 241, 242, 251, 252, 253, 270, 275

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## 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, 104, 105 (Fa 08 or thereafter) DRAM 101, 140, 160+ (Fa 08 or thereafter) LIT. 441, 442 MUS. 100, 115, 131, 202, 210 (Fa 08 or thereafter), 230 (Fa 08 or thereafter), 240, 250, 271 (Fa 08 or thereafter)

**Group B: Humanities** - DRAM 142, 143, 151, 152 HIST 100, 101, 104 (Fa 08 or thereafter), 106 (Fa 08 or thereafter), 201, 202, 242+, 243 (Fa 08 or thereafter), 245+, 246+, 247, 422+, 451+, 452+, 455 (Fa 08 or thereafter)

LIT. 101, 111, 142, 143, 151, 152, 200, 205, 231, 232, 233, 251, 252+, 266+, 301, 370+, 371+, 372+, 373+, 375+

PHIL 100, 160, 190, 240, 300, 320 SPAN 130~, 140~, 150~+, 152~+, 161+, 162+ SPCH 150 (Fa 08 or thereafter)

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## Area 4: Social and Behavioral Sciences

9 semester units

Three courses selected from at least 2 disciplines or an interdisciplinary sequence

ANTH 105, 110, 180, 200 (Fa 08 or thereafter), 351 (Fa 08 or thereafter), 360+, 370+ ECE. 201, 212+ ECON 100, 102, 230+ ENGL 200 GEOG 110

HIST 104 (Fa 08 or thereafter), 106 (Fa 08 or thereafter), 201, 202, 243 (Fa 08 or thereafter), 242+, 245+, 246+, 247, 422+, 455 (Fa 08 or thereafter)

PLSC 130, 150, 170, 200, 210, 320 (Fa 08 or thereafter) PSYC 100, 106+ 200, 201, 202, 205 (Fa 08 or thereafter), 300, 340, 410

SOCI 100, 105, 141+, 205 (Fa 08 or thereafter) SPCH 150 (Fa 08 or thereafter)

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## 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 CHEM 112\*, 210\*, 220\*, 234, 235, 237\*, 238\* GEOG 100 GEOL 100 NSCI 100

OCEN 100, 101\* (Sp 07 or thereafter) PHYS 210\*, 220\*, 250\*, 260\*, 270\*

**Group B: Biological Science** - ANTH 125, 126\* (Fa 08 or thereafter) BIOL 100, 110\*, 130, 132\* (Fa 09 or thereafter), 225\*, 230\*, 240\*, 250\*, 260\* NSCI 100

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

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

SPAN 120, 122, 130~, 131, 132, 140~, 150~+, 152~+

Completed at high school: \_\_\_\_\_

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

(Not part of IGETC; may be completed prior to transfer.) The CSU, before awarding a degree, requires students to complete courses or examinations that address: 1) The historical development of American institutions and ideals (Area US-1), and 2) The constitution of the United States and the operation of representative democratic government under that Constitution (Area US-2), and 3) The process of California state and local government (Area US-3). Courses used to meet this requirement may not be used to satisfy requirements for IGETC.

US-1: ECON 230 HIST 201, 202 US-2: HIST 201, 202 PLSC 200 (Fa 08 or thereafter), 210 US-3: PLSC 200 (Fa 08 or thereafter), 210, 310

**Important: + COURSES** meet Cañada's Associate Degree Ethnic Studies requirement.

~COURSES listed in multiple areas shall not be certified in more than one area except for courses in Languages Other Than English, which can be certified in both areas 3B and 6A.

**IMPORTANT NOTICE:** Please see the Counseling Center for the most up to date version of this form.

Revised 5/10

## California State University— Transfer Courses 2010–2011

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, 200, 680, 690, 695

### ANTHROPOLOGY

ANTH 110, 125, 126, 200, 351, 352, 360, 370, 680, 690, 695

### ARCHITECTURE

ARCH 110

### ART

ART 101, 102, 103, 104, 105, 201, 202, 204, 205, 206, 207, 210, 214, 221, 222, 229, 231, 232, 301, 303, 304, 351, 352, 357, 359, 680, 690, 695

### ASTRONOMY

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

### BIOLOGICAL SCIENCES

BIOL 100, 103, 110, 130, 132, 225, 230, 240, 250, 260, 310, 680, 690, 695

### BUSINESS/OFFICE TECHNOLOGY

BUS 100, 101, 103, 108, 115, 150, 180, 201, 395, 396, 397, 680, 690, 695

### CAREER & PERSONAL DEVELOPMENT

CRER 137, 140, 300, 401, 407, 430

### CHEMICAL LABORATORY TECHNOLOGY

CHMT 310, 340

### CHEMISTRY

CHEM 112, 192, 210, 220, 234, 235, 237, 238, 410, 680, 690, 695

### COMPUTER BUSINESS OFFICE TECHNOLOGY

CBOT 415, 417, 430, 431, 435, 436, 448, 457, 472, 474, 475, 476, 480, 483, 484

### COMPUTER INFORMATION SCIENCE

CIS 113, 118, 119, 250, 251, 252, 253, 284, 285, 286, 287, 321

### COMPUTER INFORMATION SYSTEMS

COMP 330, 331, 680, 690, 695

### COOPERATIVE EDUCATION

COOP 670, 672

### DRAMA

DRAM 101, 140, 142, 143, 150, 151, 152, 160, 200, 201, 202, 203, 208, 209, 210, 211, 212, 221, 233, 300, 305, 306, 680, 690, 695

### EARLY CHILDHOOD EDUCATION

ECE 191, 192, 201, 210, 211, 212, 213, 223, 225, 230, 240, 241, 242, 244, 250, 252, 254, 260, 262, 264, 313, 331, 333, 362, 363, 366, 382, 384, 386, 680, 690, 695

### ECONOMICS

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

### EDUCATION

EDUC 100

### ENGINEERING

ENGR 100, 111, 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, 200, 680, 690, 695

### FASHION DESIGN

FASH 100, 110, 111, 113, 115, 116, 118, 122, 123, 124, 129, 132, 133, 134, 146, 150, 151, 162, 163, 164, 165, 166, 167, 168, 170, 171, 172, 173, 174, 175, 178, 180, 181, 190, 195, 196, 197, 199, 225, 226, 350, 680, 690, 695

### FRENCH

FREN 680, 690, 695

### GEOGRAPHY

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

### GEOLOGY

GEOL 100, 101, 680, 690, 695

### HEALTH SCIENCE

HSCI 100, 104, 105, 108, 116, 430, 432, 665, 680, 690, 695

### HISTORY

HIST 100, 101, 104, 106, 201, 202, 242, 243, 245, 246, 247, 422, 451, 452, 455, 680, 690, 695

### HUMAN SERVICES

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

### INTERIOR DESIGN

INTD 115, 126, 128, 129, 148, 150, 151, 165, 175, 250, 260, 270, 271, 276, 340, 350, 356, 400, 450, 680, 690, 695

### ITALIAN

ITAL 680, 690, 695

### JAPANESE

JAPN 680, 690, 695

### LEARNING CENTER

LCTR 100, 110, 120, 139, 140, 151, 680, 690, 695

### LIBRARY SCIENCE

LIBR 100, 120, 680, 690, 695

### LINGUISTICS

LING 200

### LITERATURE

LIT 101, 111, 142, 143, 151, 152, 200, 205, 231, 232, 233, 251, 252, 266, 301, 370, 371, 372, 373, 375, 441, 442, 445, 680, 690, 695

**MANAGEMENT**

MGMT 204, 304, 680, 690, 695

**MATHEMATICS**

MATH 125, 130, 140, 150, 200, 222, 241, 242, 251, 252, 253, 268, 270, 275, 680, 690, 695

**MEDICAL ASSISTING**

MEDA 100, 110, 111, 115, 120, 121, 140, 141, 150, 160, 161, 162, 163, 164, 165, 166, 190

**METEOROLOGY**

METE 100

**MULTIMEDIA**

MART 314, 325, 361, 362, 363, 365, 366, 368, 369, 370, 372, 373, 376, 377, 378, 379, 380, 389, 390, 400, 405, 410, 418, 420, 421, 430, 431, 432, 440

**MUSIC**

MUS 120, 121, 122, 103, 115, 161, 202, 210, 230, 240, 250, 260, 271, 290, 301, 302, 303, 304, 371, 372, 373, 374, 461, 462, 463, 464, 476, 486, 490, 680, 690, 695

**NATURAL SCIENCE**

NSCI 100, 680, 690, 695

**OCEANOGRAPHY**

OCEN 100, 101, 680, 690, 695

**PALEONTOLOGY**

PALN 680, 690, 695

**PARALEGAL**

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

**PHILOSOPHY**

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

**PHYSICAL EDUCATION**

DANC 125, 126, 127, 140, 143, 150, 151, 153, 156, 205, 210, 215, 220, 230, 350, 391, 400, 680, 690, 695  
FITN 112, 117, 118, 119, 122, 123, 124, 127, 128, 129, 151, 153, 154, 210, 235, 250, 251, 320, 332, 334, 680, 690, 695  
INDV 120, 161, 164, 166  
PE 305, 306, 308, 680, 690, 695  
TEAM 101, 102, 105, 111, 115, 141, 143, 148, 151, 171, 174, 180, 181, 185  
VARS 104, 114, 140, 154, 170, 340

**PHYSICS**

PHYS 210, 211, 220, 221, 250, 260, 270, 405, 680, 690, 695

**POLITICAL SCIENCE**

PLSC 103, 130, 150, 170, 200, 210, 310, 320, 325, 680, 690, 695

**PSYCHOLOGY**

PSYC 100, 106, 108, 110, 112, 200, 201, 202, 205, 221, 300, 330, 340, 391, 410, 680, 690, 695

**RADIOLOGIC TECHNOLOGY**

RADT 415, 418, 420, 428, 430, 438, 448, 458, 468, 475, 680, 690, 695

**READING**

READ 420, 680, 690, 695

**SOCIOLOGY**

SOCI 100, 105, 141, 205, 680, 690, 695

**SPANISH**

SPAN 110, 111, 112, 120, 121, 122, 130, 131, 132, 140, 150, 152, 161, 162, 196, 680, 690, 695

**SPEECH COMMUNICATION**

SPCH 100, 102, 111, 120, 150, 680, 690, 695

## University of California—Transfer Courses 2010–2011

The following is a list of courses designated as transferable toward baccalaureate degree credit at all campuses of the University of California system. Always check with the Counseling Center for the most up-to-date information. 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.

### ACCOUNTING

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

### ANTHROPOLOGY

ANTH 105, 110, 125, 126, 180, 351, 360, 370

### ART

ART 101, 102, 103, 104, 105, 201, 202, 204, 205, 206, 207, 214, 221, 222, 229, 231, 232, 301, 303, 351

### ASTRONOMY

ASTR 100, 101, 110

### BIOLOGY

BIOL 100\* (\*no credit if taken after BIOL 110), 110, 130, 132, 225, 230, 240, 250, 260, 310

### BUSINESS/OFFICE TECHNOLOGY

BUS 100, 103, 201

### CAREER AND PERSONAL DEVELOPMENT

CRER 401, 137

### CHEMISTRY

CHEM 112\*, 192\* (\*no credit for 100, 112 or 192 if taken after 210, max credit combined: one course), 210\*, 220, 234, 235, 237, 238

### COMPUTER BUSINESS OFFICE TECHNOLOGY

CBOT 430\*, 431\* (both \*430 & \*431 must be taken for transfer credit)

### COMPUTER INFORMATION SCIENCE

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

### COMPUTER INFORMATION SYSTEMS

COMP 330\*, 331\* (\*combined max credit: one course)

### DRAMA

DRAM 101, 140, 142, 143, 150, 151, 152, 160, 200, 201, 202, 203, 208, 209, 210, 211, 212, 221, 233, 300, 305

### EARLY CHILDHOOD EDUCATION

ECE 201, 212

### ECONOMICS

ECON 100, 102, 230

### ENGINEERING

ENGR 100, 111, 210, 215, 230, 240, 260, 261, 270, 410\*, 413\* (\*combined max credit: one course)

### ENGLISH

ENGL 100, 110, 161, 162, 165, 200

### ENGLISH AS A SECOND LANGUAGE

ESL 400

### FASHION DESIGN

FASH 113

### GEOGRAPHY

GEOG 100, 110

### GEOLOGY

GEOL 100

### HEALTH SCIENCE

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

### HISTORY

HIST 100, 101, 104, 106, 201, 202, 242, 243, 245, 246, 247, 422, 451, 452, 455

### LIBRARY SCIENCE

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

### LITERATURE

LIT 101, 111, 142, 143, 151, 152, 200, 205, 231, 232, 233, 251, 252, 266, 301, 370, 371, 372, 373, 375, 441, 442

### MATHEMATICS

MATH 125, 140, 150, 200, 222, 241\*, 242\*\*, 251\*, 252\*\*, 253, (\*241 & 251 combined: max credit one course), (\*\*242 & 252 combined: max credit one course), 268, 270, 275

### MULTIMEDIA

MART 314, 362\*, 363, 376\* (\*combined max credit: one course), 418

### MUSIC

MUS 100\* (\*no credit for MUS 100 if taken after 101 or 131), 101, 102, 103, 104, 115, 131, 132, 202, 210, 230, 250, 260, 271, 290, 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

**PHILOSOPHY**

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

**PHYSICAL EDUCATION**

DANC 125, 126, 127, 140, 143, 205, 210, 215, 220, 230, 350, 400

FITN 122, 123, 124, 128, 129, 151, 153, 154, 210, 235, 320, 332, 334

INDV 120, 161, 164, 166, 251, 252, 254, 256

PE 305, 306

TEAM 101, 102, 105, 111, 115, 141, 143, 148, 151, 171, 174, 180, 181, 185

VARS 104, 114, 140, 154, 170, 340

**PHYSICS**

PHYS 210\*, 211, 220\*, 221, 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, 310, 320

**PSYCHOLOGY**

PSYC 100, 106, 200\*, 201\* (\*PSYC 200 & 201 combined: max credit one course), 202, 205, 300, 340, 410

**SOCIOLOGY**

SOCI 100, 105, 141, 205

**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, 131\*, 132\*, (\*131 and 132 both must be taken for transfer credit, maximum credit for both classes is 5 units), 140, 150, 152, 161, 162

**SPEECH COMMUNICATION**

SPCH 102, 100, 111, 120, 140, 150

## Cañada College Instructional Programs Associate Degrees, Certificates, Transfer Programs

Area of Study	Certificate	Degree	Transfer
ACCOUNTING	•	AS	•
ANTHROPOLOGY			
Emphasis in Archaeology		AA	•
Emphasis in Cultural Anthropology		AA	•
Emphasis in Linguistic Anthropology		AA	•
Emphasis in Physical Anthropology		AA	•
Emphasis in Visual Anthropology		AA	•
ART			
Emphasis in Art History		AA	•
Emphasis in General Art		AA	•
Emphasis in Studio Art		AA	•
BIOLOGICAL SCIENCES		AS	•
BUSINESS ADMINISTRATION	•	AS	•
BUSINESS MANAGEMENT			
Small Business	•	AS	
CHEMICAL LABORATORY TECHNOLOGY	•	AS	
COMPUTER BUSINESS OFFICE TECHNOLOGY			
General Office	•		
Administrative Assistant	•	AS	
Administrative Support Assistant	•	AS	
COMPUTER INFORMATION SCIENCE		AS	•
EARLY CHILDHOOD EDUCATION/CHILD DEVELOPMENT			
Early Childhood Education/Child Development	•		
Family Development	•	AS	•
EARTH SCIENCE		AS	•
ECONOMICS		AA	•
ENGINEERING		AS	•
ENGLISH		AA	•
ENGLISH AS A SECOND LANGUAGE			
Preparation for Academic Scholarship and Success (PASS)	•		
FASHION DESIGN			
Custom Dressmaking/Small Business Oriented	•	AS	•
Fashion Design Merchandising	•		
Technical (Apparel Industry Oriented)	•	AS	
Theater Costuming	•	AS	
GEOGRAPHY		AA	•
HEALTH SCIENCES	•	AS	
HISTORY		AA	•
HUMAN SERVICES			
Community Health Worker	•		
Family Development	•		
Human Services	•	AS	•
Promotor Education and Employment	•		
INTERDISCIPLINARY STUDIES			
Emphasis in Arts and Humanities		AA	•
Emphasis in Natural Science and Mathematics		AA	•
Emphasis in Social and Behavioral Sciences		AA	•

Area of Study	Certificate	Degree	Transfer
INTERIOR DESIGN			
Green/Sustainable Design	•		
Interior Design	•	AS	•
Redesign and Home Staging	•		
Residential and Commercial	•		
Kitchen and Bath	•		
LATIN AMERICAN STUDIES	•	AA	•
MATHEMATICS		AS	•
MEDICAL ASSISTING			
Administrative Medical Assistant	•		
Medical Coding Specialist	•		
Medical Assisting	•	AS	
Medical Billing Specialist	•	AS	
Medical Transcription	•	AS	
MULTIMEDIA ART AND TECHNOLOGY			
Graphic Design	•		
Multimedia Art and Technology	•	AA	•
Web Design	•		
3D-Animation and Video Game Arts	•	AA	
MUSIC		AA	•
NURSING			•
PARALEGAL	•	AS	
PHILOSOPHY		AA	•
PHYSICAL EDUCATION			
Dance		AA	
Fitness Professional	•	AA	
Physical Education		AA	•
PHYSICAL SCIENCES			•
Chemistry		AS	•
Physics		AS	•
PHYSICAL THERAPY			•
POLITICAL SCIENCE			
Emphasis in Pre-Law		AA	•
Emphasis in Public Administration and Service		AA	•
PSYCHOLOGY		AA	•
RADIOLOGIC TECHNOLOGY		AS	
SOCIAL SCIENCES		AA	•
SOCIOLOGY		AA	•
SPANISH		AA	•
SPEECH		AA	•
THEATRE ARTS		AA	•
UNIVERSITY TRANSFER			
Option 1: CSU/GE	•		
Option 2: IGETC/CSU	•		
Option 3: IGETC/UC	•		

**Important:** Associate degree and certificate programs have additional college requirements beyond the major. See pages 48-50 for the complete requirements for the associate's degree and certificates.