



VI. GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE DEGREE PLAN A 2007-2008

PHILOSOPHY

General Education requirements at Santa Ana College reflect the conviction that those who receive degrees must possess in common certain basic principles, concepts, and methodologies, both unique to and shared by various disciplines. Recognizing the need for students to embrace and adapt to increasingly and rapidly changing local, national and global conditions, the college seeks to ensure that students develop the necessary skills, knowledge, and curiosity to better themselves and their communities.

The subject matter of General Education courses is designed to be general, broad and introductory rather than specialized, narrow, or advanced. General Education courses form a pattern of learning experiences designed to provide educational opportunities that lead to the following learning outcomes for students:

1. The ability to comprehend and communicate ideas logically, creatively, correctly, and effectively in speaking and writing.
2. Skills in creative and critical thinking, including analysis, synthesis, evaluation, problem-solving, decision-making, and quantitative reasoning.
3. The skills necessary to identify informational needs; seek, access, evaluate and apply information effectively, using print materials and technology creatively, effectively and responsibly.
4. An understanding of the complexities presented by the cultural, social, and environmental diversity of the world.
5. Responsibility for ethical and active participation in a diverse society.
6. The basic skills necessary for lifelong learning, fitness, creative expression, aesthetic appreciation, personal growth, interpersonal skills and development of intellectual curiosity.
7. Acquisition of the knowledge and skills necessary in chosen disciplines and careers.

NOTE: A single course may be used to meet only one category requirement.

A. Natural Sciences

Courses in the natural sciences examine the physical universe, its life forms, and its natural phenomena. They assist in developing an appreciation and understanding of the scientific method and encourage an understanding of the relationships between science and other human activities. This category includes introductory or integrative courses in astronomy, biology, chemistry, general physical science, geology, physics, physical geography, physical anthropology, and other scientific disciplines.

B. Social and Behavioral Sciences

Courses in the social and behavioral sciences focus on people as members of society. They assist in developing an awareness of the methods of inquiry used by the social and behavioral sciences. Critical thinking is stimulated about the ways people act and have acted in response to their societies, and appreciation is developed of how societies and social groups operate. This category includes introductory or integrative survey courses in cultural anthropology, economics, history, political science, psychology, sociology, cultural geography, and related disciplines.

C. Humanities

Courses in humanities study the cultural activities and artistic expressions of human beings. They assist in developing an awareness of the ways in which people throughout the ages and in different cultures have responded to themselves and the world around them in artistic and cultural creation, and in developing aesthetic understanding and an ability to make value judgments. This category includes introductory or integrative courses in the arts, foreign languages, literature, philosophy and religion.

D. Cultural Breadth

Courses meeting the cultural breadth requirement represent both global and national perspectives and recognize the value of systemic historical and cross-cultural examinations of race, ethnicity, gender, and global issues.

1. Ethnic Studies/Women's Studies.

Courses meeting the Ethnic Studies/Women's studies requirement focus on the cultural perspectives of the African American, the Asian American, the Chicano/Latino, and the Native American and women in the United States. They assist students to deal constructively with issues of difficult differences and to develop respect for and become aware of the views, interactions, and contributions of these ethnic groups and women to U.S. society and culture. This category is interdisciplinary and includes introductory courses that incorporate the voices of these historically excluded groups.

2. International Perspective.

Courses in International Perspective include an emphasis on global perspectives in a cultural context. All courses need to address not just specific aspects of culture but also a component addressing the basic concepts of culture including how culture influences environment, behavior, structure, and function of society. These courses also include a multi-country perspective.

E. Language and Rationality

Courses in language and rationality develop the principles and applications of language toward logical thought, clear and precise expression and critical evaluation of communication in whatever symbol system the student uses.

F. Lifelong Understanding and Self-Development

The courses in this category are designed to equip human beings for lifelong understanding and development of themselves as integrated physiological and psychological entities. In a social context, students will benefit from study about themselves and how they function at different stages of life. Instruction is intended to include consideration of such matters as human behavior, sexuality, nutrition, health, stress, key relationships of humankind to the social and physical environment, and implications of death and dying. Physical activity courses could be included, provided that they include some components of the above listed topics.



ASSOCIATE DEGREE REQUIREMENTS • 2007-2008

I. Unit and Residency Requirements

60 UNITS, with at least a 2.0 grade point average. At least 12 of the units must be earned at the college and at least 6 of those units must be in courses required for the major. The major must be offered at the college granting the degree. Units earned at an accredited college or university on a credit/no credit basis will be counted toward the degree requirements of the college, to a maximum of 15 units.

II. General Education Requirements

24 semester units of general education which include one course or more as indicated in group requirements A, B, C, D, E, and F. **NOTE:** See Plan A, page 33 for specific course requirements.

Non degree applicable courses may **not** be used for graduation requirements.

A minimum of 21 units is required in general education areas A-E. Courses from the major may be used to satisfy these areas. However, those units may not be counted as part of the 21 unit requirement. Therefore, additional units from areas A-E are needed in this case. Courses from the major may not be used to satisfy area F.

NOTE: The requirements in parts II, IV, V and VI also may be met by CSU general education certification, IGETC certification, or by submitting a transcript showing completion of a bachelor's degree from an accredited institution, or by submitting a transcript showing completion of an associate of Arts or associate of Science degree from an accredited California institution within a ten-year period of finishing major requirements (III) at the College.

III. Major Requirements

Each degree and certificate program specifies courses required for the major (a minimum of 18 units). Students must complete these courses with a grade of C or better. See Instructional Programs Section.

IV. Required Proficiencies

NOTE: The proficiencies and requirements listed in IV. Required Proficiencies, V. Oral Communication Requirement and VI. Computer Skills and Applications Requirement may also be used to meet General Education Requirements in groups A through F where appropriate. **Courses taken to meet these proficiencies must be completed with a grade of C or better.**

A. Reading

1. Satisfactory score on the SAC/SCC Reading Placement Test at the time of initial placement testing, OR

2. Satisfactory score on a Reading Department Test, OR
3. Successful completion of Reading 100A, OR
4. A "C" grade, or better in 9 units of general education courses for the Associate Degree in Areas A (Natural Sciences) - 3 units; B (Social and Behavioral Sciences) - 3 units each in B1 and B2.

B. Mathematics

1. Completion of Mathematics 060 or any other 3 unit mathematics course numbered above the level of 060, OR
2. Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 060.

V. Oral Communication Requirement

Completion of 3 units with a grade of "C" or better from the following: Speech Communication 101 or 101H (Interpersonal Communication), Speech Communication 102 (Public Speaking), Speech Communication 140 (Argumentation and Debate), Speech Communication 145 (Group Dynamics), Speech Communication 152 (Oral Interpretation).

VI. Computer Skills and Applications Requirement

Courses meeting the computer skills and applications requirement include the theories and concepts of computer technology and/or the applied technology of computers in various disciplines. Such courses will either focus on computer technology as a discipline or will focus on computer application programs as a major component of the course. This requirement is met by completing one of the following:

- A. Completion of any of the following majors or programs, which require courses in computer technology and/or applied technology:
 - Automotive Technology
 - Communications - Journalism Option
 - Degree A-Print Journalism
 - Communications - Journalism Option
 - Degree B-Broadcast Journalism
 - Diesel
 - Electronics
 - Engineering
 - Fashion Design Merchandising
 - Human Development
 - Library Technology
 - Manufacturing Technology
 - Music Degree
 - Nursing
 - Pharmacy Technology
 - TV/Video Communications Degree

- B. Completion of one of the following courses with a grade of C or better:

Art 195
Business 150
Business Applications 179
Computer Science 100
Paralegal 120

- C. Students may challenge courses under "B" above, through Credit by Examination. Students should plan to schedule a credit by examination test at least one semester prior to anticipated graduation. This will allow students to enroll in a course if the exam is not passed.

Students are to follow the Credit by Examination procedure listed in the catalog.

NOTE: Schedules for proficiency examinations are announced each semester in the Schedule of Classes. Applicants must be currently enrolled or completing graduation requirements at either Santa Ana College or Santiago Canyon College in order to take the proficiency examinations. Students who do not achieve a satisfactory score on the English Writing Proficiency Examination may not rechallenge that examination but must satisfactorily complete an approved course as listed in the graduation requirements.

Petition for Graduation and Catalog Rights:

Petitions for graduation should be filed in the Office of Admissions and Records at either Santa Ana College or Santiago Canyon College one semester before the student expects to graduate. Students who maintain continuous enrollment in at least one regular semester or session of a catalog year (fall, intersession, spring, or summer) at Santa Ana College or Santiago Canyon College may elect to meet the associate degree or certificate requirements in the SAC Catalog in effect at the time of first enrollment, or may choose the catalog requirements from any one year of subsequent continuous enrollment at Santa Ana College or Santiago Canyon College. **A student who has an interruption of attendance must use the catalog at the time of readmission or one of subsequent continuous enrollment.** Commencement exercises are held once a year at the end of the spring semester for those students who complete the requirements for graduation during the year or the summer session.

NOTE: Transcripts from all colleges attended must be on file.



Required Proficiencies/Requirements

NOTE: See page 32, IV. Required Proficiencies and Requirements V and VI for specific requirements for the following:

- IV. A. Reading Proficiency
- B. Mathematics Proficiency
- V. Oral Communication Requirement
- VI. Computer Skills and Applications Requirement

Courses taken to meet these proficiencies/requirements must be completed with a grade of "C" or better.

NOTE: A single course may be used to meet only one category requirement (A-F) in Section II. However, a course may be used to meet both a required proficiency (IV) or requirement (V or VI), as well as one of the categories of General Education Courses on Plan A (II). Courses which meet the requirements for Part II of Plan A at Santiago Canyon College will automatically meet the identical requirements for Part II of Plan A at Santa Ana College.

II. Required General Education Courses – Plan A

A. Natural Sciences

(minimum 3 units)

Anthropology 101, 101L
 Astronomy 109, 110 or 110H, 140, 150
 Biology 109 or 109H/109L, 149, 159, 177, 200, 211, 239, 259
 Chemistry 109, 119, 209, 219 or 219H
 Earth Science 110 or 110H, 115, 150 or 150H
 Environmental Studies 109, 140, 200, 259
 Geography 101, 101L
 Geology 101, 101L, 140, 150 or 150H, 201
 Physical Science 117, 118
 Physics 109, 210, 217, 279
 Science 200

B. Social and Behavioral Sciences

(minimum 6 units)

1. American Institutions

(minimum 3 units)

History 118, 120 or 120H, 121 or 121H, 122
 Political Science 101 or 101H

2. Social Science Elective

(minimum 3 units)

Anthropology 100 or 100H
 Criminal Justice 101
 Economics 120, 121
 Geography 100 or 100H, 102 or 102H
 History 101 or 101H, 102 or 102H
 Human Development 107, 110
 Political Science 101 or 101H
 Psychology 100 or 100H
 Sociology 100 or 100H

C. Humanities

(minimum 3 units)

Anthropology 104 or 104H
 Art 100 or 100H, 101, 102, 105, 110
 Dance 100 or 100H, 105
 English 104 or 104H

Foreign Language:

French 101, 102, 201 or 201H, 202 or 202H
 Japanese 101, 102
 Spanish 101 or 101H, 102 or 102H, 201 or 201H, 202 or 202H
 Vietnamese 101, 102

Interdisciplinary Studies 121, 200

Literature:

English 102 or 102H, 231, 232, 233ABCD, 241, 242, 270, 271, 272
 Music 101 or 101H, 102 or 102H, 110, 211
 Philosophy 106 or 106H, 108, 112, 118
 Sign Language 110, 111B, 112, 116
 Television/Video Communications 101, 103, 104, 105 or 105H
 Theatre Arts 100, 103, 104, 105, 233ABCD

D. Cultural Breadth

(Three units required from D1 or D2)

D1: Ethnic Studies/Women's Studies

Anthropology 104 or 104H, 125
 Art 103, 104, 106
 Asian American Studies 101
 Black Studies 101
 Chicano Studies 101
 English 104 or 104H
 E.S. Health Education 102
 Ethnic Studies 101 or 101H, 102 or 102H
 History 123, 124 or 124H, 125, 127, 146, 150, 151, 153, 160, 161, 181
 Human Development 221
 Literature:
 English 245, 246, 278
 Music 103
 Nutrition & Food 118
 Psychology 170
 Speech Communication 103 or 103H, 206 or 206H
 Women's Studies 101, 102, 201

D2: International Perspective

Anthropology 100 or 100H
 Business 106 or 106H
 Criminal Justice 209
 Dance 105
 English 271, 272
 E.S. Professional 150
 Geography 100 or 100H, 102 or 102H
 Interdisciplinary Studies 117H
 Music 102 or 102H
 Philosophy 112
 Theatre Arts 105

E. Language and Rationality

(minimum 6 units)

1. English Composition

(minimum 3 units)

Courses fulfilling the written composition requirement include both expository and argumentative writing. The English composition requirement may be met by:

- *a. English 061, 101 or 101H, EMLS 112.
- b. Satisfactory score on English Depart-

ment Proficiency Examination in composition. Students successfully completing the proficiency examination may earn 3 units in English 061 OR EMLS 112.

*A grade of "C" or better.

2. Communication and Analytical Thinking (minimum 3 units)

Includes mathematics, logic, statistics, computer languages and programming and related disciplines.
 Computer Science 100, 105, 111
 Counseling 144
 English 103 or 103H
 Interdisciplinary Studies 111
 Mathematics 080, 105, 140, 145, 150, 160, 170, 180 or 180H, 185, 219 or 219H, 270, 275, 280, 290, 295
 Philosophy 110 or 110H, 111, 144
 Social Science 219 or 219H
 Speech Communication 102, 140, 145

F. Lifelong Understanding and Self-Development (minimum 3 units)

NOTE: Take one course from each group. No more than one unit may be counted from F2.

1. Completion of one of the following:

Business 130
 Counseling 100, 101, 116, 120, 124, 125, 128
 E.S. Health Education 101, 102, 104, 120
 E.S. Professional 125, 140
 Family & Consumer Studies 120
 Fashion Design Merchandising 103
 Human Development 102, 107
 Interdisciplinary Studies 111, 155
 Library & Information Studies 100
 Mathematics 030
 Nutrition & Food 115 or 115H
 Philosophy 111
 Psychology 140, 230
 Sociology 112

2. Completion of one of the following:

Dance 102, 201A, 201B, 206A, 206B, 219A, 219B
 E.S. Activities 107, 127, 130, 132, 140, 150, 155, 160, 169, 180, 185, 200, 210, 220, 226, 230, 235, 240, 245, 260, 265, 270, 280, 290, 292
 E.S. Adapted Activities 201, 202, 205, 206, 208, 211, 220
 E.S. Aerobic Fitness 140, 143, 144, 150, 152, 155, 156, 158, 160
 E.S. Aquatics 201, 204, 205, 209
 E.S. Fitness 100, 101, 102, 108, 109, 110, 115, 116, 119, 120, 145, 147, 170
 E.S. Intercollegiate Athletics 124, 125, 126, 127, 128, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222

This requirement (F) is met for Fire Technology (as long as Fire Technology 121 is taken as part of their program), Nursing, Occupational Therapy Assistant and by completion of their major.



GENERAL EDUCATION BREADTH REQUIREMENTS FOR THE CALIFORNIA STATE UNIVERSITY (CSU)

PLAN B

2007-2008

NOTE: These requirements apply to all students. Students planning to graduate from one of the 23 campuses of the California State University must complete 48 semester units in general education breadth courses. A student may complete 39 units of general education at either college in the Rancho Santiago Community College District prior to transfer. Nine semester units of general education coursework must be completed at the upper division level after transfer.

CERTIFICATION OF GENERAL EDUCATION

- Santa Ana College is authorized to certify a maximum of 39 general education units.
- No more than 30 semester units may be certified for areas B through D combined which are described in the next section.
- Credit/No Credit grades are accepted for certification in all areas however they are not recommended for transfer credit in basic skill areas. (A. Communication in the English Language and Critical Thinking, A1, A2, and A3; and B. The Physical Universe and Its Life Forms, B4.) In addition, letter grades may be recommended or required for specific courses in a given major. Each CSU campus may also limit the total number of units graded Credit.
- A single course may not meet more than one general education requirement.
- Requests for certification should be made to the Office of Admissions and Records at either college during the semester prior to the last term of attendance. Please consult the Class Schedule or Counseling for deadline information.
- Certification of coursework from other colleges will only be granted to students who have completed a minimum of 12 CSU general education units at either college in the Rancho Santiago Community College District or are completing the requirements for a Santa Ana College or Santiago Canyon College degree.
- Courses taken at other California Community Colleges will be applied to the subject areas in which they were listed by the institution where the course was completed.
- Courses taken at other regionally accredited private/out of state institutions (which do not maintain a CSU certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Courses completed at foreign institutions are not acceptable for certification.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet General Education-Breadth requirements will be honored if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2007 and are valid through Summer 2008.

TRANSFER CREDIT

- Students may transfer up to 70 semester units to the CSU system. Sixty transferable units are needed for junior standing.
- All courses used for CSU transfer credit must be numbered 100 or above in the Santa Ana College catalog.

A. Communication in the English Language and Critical Thinking

(minimum 9 units)

The 9 units selected from this area must include at least one course each from A1, A2, and A3. Each course must be completed with a grade of "C" or better. (C minus is not acceptable.)

A1: Oral Communication

Speech Communication 101 or 101H, 102, 103 or 103H, 140, 145

A2: Written Communication

English 101 or 101H

A3: Critical Thinking

Counseling 144

English 103 or 103H

Interdisciplinary Studies 111

Philosophy 110 or 110H, 111, 144

Speech Communication 140

B. The Physical Universe and Its Life Forms

(minimum 9 units)

The 9 units selected from this area must include at least one course each from B1, B2, and B4. The 9 units must also include a corresponding lab component. (Lab classes are in **bold**.) Courses in B4 must be completed with a grade of "C" or better. (C minus is not acceptable.)

B1: Physical Sciences

Astronomy 109, 110 or 110H, 115H, **140**

Chemistry **109, 119, 209, 219 or 219H**

Earth Science 110 or 110H, **115, 150 or 150H**

Environmental Studies **109, 140**

Geography 101, **101L**

Geology 101, **101L, 140, 150 or 150H, 201**

Physical Science **115, 117, 118**

Physics **109, 210, 211, 217, 279**

B2: Life Science

Anthropology 101, **101L**

Biology 109 or 109H, **109L, 139, 149, 159, 177, 211, 212, 214, 229, 239, 259**

Environmental Studies **259**

B3: Laboratory Activity

Anthropology **101L**

Astronomy **140**

Biology **109L, 139, 149, 211, 212, 214, 229, 239, 259**

Chemistry **109, 119, 209, 219 or 219H**

Earth Science **115**

Environmental Studies **109, 259**

Geography **101L**

Geology **101L, 201**

Physics **109, 210, 211, 217, 279**

Physical Science **115, 118**

B4: Mathematics/Quantitative Reasoning

Courses must be completed with a grade of "C" or better.

Mathematics 105, 140, 145, 150, 160, 170, 180 or 180H,

219 or 219H

Physical Science 219 or 219H

C. Arts, Literature, Philosophy, and Foreign Language

(minimum 9 units)

This area must include one course from C1 and one course from C2.

C1: Arts (Art, Dance, Music, Theatre)

Art 100 or 100H, 101, 102, 103, 104, 105, 106

Dance 100 or 100H, 102, 105

English 233A, 233B, 233C, 233D

Interdisciplinary Studies 121

Music 101 or 101H, 102 or 102H, 103, 211

Television/Video Communications 103, 104

Theatre Arts 100, 101, 103, 104, 233A, 233B, 233C, 233D

C2: Humanities

English 102 or 102H, 206, 231, 232, 233A, 233B, 233C,

233D, 241, 242, 243, 245, 246, 270, 271, 272, 278

French 101, 102, 201 or 201H, 202 or 202H

History 101 or 101H, 102 or 102H, 150, 151, 153, 160, 161

Interdisciplinary Studies 200

Japanese 101, 102

Philosophy 106 or 106H, 108, 112, 118

Sign Language 110, 112, 116

Spanish 101 or 101H, 102 or 102H, 195A, 195B, 201 or

201H, 202 or 202H

Theatre Arts 233A, 233B, 233C, 233D

Vietnamese 101, 102

D. Social, Political, and Economic Institutions and Behavior; Historical Background

(minimum 9 units)

The 9 units selected from this area must include courses from at least 2 different disciplines.

D1: Anthropology and Archeology

Anthropology 100 or 100H, 103, 104 or 104H, 105, 125

English 104 or 104H

History 105, 125

D2: Economics

Economics 120, 121

D3: Ethnic Studies

Anthropology 125

Asian American Studies 101

Black Studies 101

Chicano Studies 101

English 245, 278

Ethnic Studies 101 or 101H, 102 or 102H

History 123, 124 or 124H, 125, 146

Psychology 170

D4: Gender Studies

English 245, 278

History 127, 181

Speech Communication 206 or 206H

Women's Studies 101, 102, 201

D5: Geography

Geography 100 or 100H, 102 or 102H

D6: History

Anthropology 105, 125

History 101 or 101H, 102 or 102H, 105, **118, 120 or**

120H, 121 or 121H, 122, 123, 124 or 124H, 125, 127,

133, 146, 150, 151, 153, 160, 161

D7: Interdisciplinary Social or Behavioral Science

Computer Science 100

Counseling 150

E.S. Professional 150

Human Development 107, 110

Interdisciplinary Studies 117H, 155

Speech Communication 103 or 103H

Television/Video Communications 105 or 105H

D8: Political Science, Government, and Legal Institutions

Political Science 101 or 101H, 200 or 200H, 220

D9: Psychology

Human Development 107

Psychology 100 or 100H, 140, 157, 170, 200, 219, 230,

240, 250

D10: Sociology and Criminology

Criminal Justice 101

Sociology 100 or 100H, 112, 140 or 140H

NOTE: The CSU graduation requirement in UNITED STATES HISTORY, CONSTITUTION AND AMERICAN IDEALS may be met by completing Political Science

101 or 101H and one U.S. History course from the following: History 118, 120 or 120H, 121 or 121H, 122, 123, 124 or 124H, 127, 146. These courses (in **bold** above) may also be used to meet 6 of the 9 Area D unit requirements.

E. Lifelong Understanding and Self-Development

(minimum 3 units)

Three units should be selected from below with no more than one unit from E2.

E1:

Counseling 100, 116, 120, 124, 125, 128

E.S. Health Education 101, 102, 104, 120

E.S. Professional 125

Family & Consumer Studies 120

Human Development 107, 229

Interdisciplinary Studies 155

Nutrition and Food 115 or 115H

Psychology 140, 157, 230

Sociology 112

Speech Communication 104

E2:

E.S. Activities 107, 127, 130, 132, 140, 150, 155, 160,

169, 180, 185, 200, 210, 220, 226, 230, 235, 240, 245,

260, 265, 270, 280, 290, 292

E.S. Adapted Activities 201, 202, 205, 206, 208, 211, 220

E.S. Aerobic Fitness 140, 143, 144, 150, 152, 155, 156,

158, 160

E.S. Aquatics 201, 204, 205, 206, 209

E.S. Fitness 100, 101, 102, 110, 115, 116, 120, 145,

147, 170

E.S. Intercollegiate Athletics 124, 125, 126, 127, 128, 201,

202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213,

214, 215, 216, 217, 218, 219, 220, 221, 222



INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) PLAN C 2007-2008

Completion of all the requirements in the Intersegmental General Education Transfer Curriculum (IGETC) will permit a student to transfer from Santa Ana College to a campus in either the CALIFORNIA STATE UNIVERSITY or the UNIVERSITY OF CALIFORNIA system without the need, after transfer, to take additional lower-division, general education courses to satisfy campus general education requirements.

- Complete all the listed requirements for IGETC prior to transferring. Partial certification of IGETC is not permitted.[‡]
- Complete all courses used for IGETC certification with a minimum grade of C (C minus is not acceptable). A "credit" is acceptable providing it is equivalent to a grade of C or higher. The catalog must reflect this policy.
- Request certification from the last California community college you attend prior to transfer to CSU or UC. Requests should be made to the Office of Admissions and Records during the semester prior to the last term of attendance. Please consult the class schedule or Counseling for deadline information.
- Prior to requesting certification, have all official transcripts on file from every high school and college you have attended.
- Courses taken at other California community colleges will be applied to the subject areas in which they are listed by the institution where the work was completed.
- Courses taken at other regionally accredited private/out of state institutions (which do not maintain an IGETC certification list) will be placed in the subject areas for which Santa Ana College has equivalent courses. Equivalency is determined by Santa Ana College faculty teaching the course. Petitions are available from Counseling and must be accompanied by the appropriate documentation.
- Courses completed at foreign institutions are not acceptable except for certification of competence in a language other than English.

IMPORTANT NOTE: The list of certifiable courses will be subject to change year by year, but students are assured that courses taken to meet IGETC requirements will be honored **if they are approved for the academic year in which they are taken. Courses on this list are approved beginning Fall 2007 and are valid through Summer 2008.**

AREA 1 - ENGLISH COMMUNICATION

C.S.U.: 3 courses required, one from each group.

U.C.: 2 courses required, one each from Group A and B.

Group A: English Composition

1 course, minimum 3 units.
English 101** or 101H**

Group B: Critical Thinking-English Composition

1 course, 3 semester units.
English 103** or 103H**; Philosophy 110 or 110H(P).

Group C: Oral Communication (CSU ONLY)

1 course, 3 semester units.
Speech Communication 102, 103** or 103H**, 140, 145

AREA 2 - MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING

1 course, 3 semester units.

Math 105, 140**, 145, 150**, 170**, 180** or 180H**, 185, 219** or 219H**, 270, 280; Social Science 219** or 219H**.

AREA 3 - ARTS & HUMANITIES

3 courses, 9 semester units, with at least one course from Group A and one course from Group B.

Group A: Arts (minimum 3 units)

Art 100** or 100H**, 101, 102, 103, 104, 105, 106; Dance 100** or 100H**, 102, 105; Music 101** or 101H**, 102** or 102H**, 103, 111, 211; Television/Video Communications 103, 104; Theatre Arts 100, 101, 103, 104.

Group B: Humanities (minimum 3 units)

English 102** or 102H**, 206, 231, 232, 233A or 233B or 233C or 233D, 241, 242, 243, 245, 246, 271, 272, 278; French 102, 201** or 201H**, 202** or 202H**; History 101** or 101H**, 102** or 102H**, 150, 151, 153, 160, 161; Interdisciplinary Studies 200; Japanese 102; Philosophy 106** or 106H**, 108, 112, 118; Sign Language 112, 116; Spanish 102** or 102H**, 195A, 195B, 201** or 201H**, 202** or 202H**; Theatre Arts 233A or 233B or 233C or 233D; Vietnamese 102.

AREA 4 - SOCIAL & BEHAVIORAL SCIENCES

3 courses, 9 semester units from at least 2 disciplines or an interdisciplinary sequence.

Anthropology 100** or 100H**, 103, 104** or 104H**, 105, 125; Asian American Studies 101; Black Studies 101; Chicano Studies 101; Criminal Justice 101; Economics 120, 121; English 104** or 104H**; Ethnic Studies 101** or 101H**, 102 or 102H; Geography 100** or 100H**, 102** or 102H**, 103, 111, 211; History 105, 118, 120** or 120H**, 121** or 121H**, 122**, 123, 124** or 124H**, 125, 127, 133, 146, 181; Human Development 107; Interdisciplinary Studies 117H, 155; Political Science 101** or 101H**, 200** or 200H**, 201, 220; Psychology 100** or 100H**, 140, 157, 170, 200, 219, 230, 240, 250; Sociology 100** or 100H**, 140** or 140H**, 240; Speech Communication 206** or 206H**; TV/Video Communications 105** or 105H**; Women's Studies 101**, 102, 201**.

AREA 5 - PHYSICAL & BIOLOGICAL SCIENCES

2 courses, 7-9 semester units with one Physical Science course and one Biological Science course; at least one must include a corresponding laboratory (indicated by "L" in parentheses).

Group A: Physical Science (3 units)

Astronomy 109, 110** or 110H**, 115H, 140(L); Chemistry 109(L)**, 119(L)**, 209(L)**, 219(L)** or 219H(L)**; Earth Science 110** or 110H**, 115(L)(P), 150** or 150H**, 201(L); Environmental Studies 109(L)**, 140; Geography 101**, 101(L); Geology 101**, 101(L), 140, 150** or 150H**, 201(L); Physical Science 115(L)(P), 117**, 118(L)**; Physics 109(L)**, 210(L)**, 211(L)**, 217(L)**, 227(L)**, 237(L)**, 279(L)**, 289(L)**.

Group B: Biological Science (3 units)

Anthropology 101, 101(L); Biology 109** or 109H**, 109(L), 177, 211(L), 212(L), 214(L), 229(L), 239(L), 249(L), 259(L); Environmental Studies 259(L).

AREA 6 - LANGUAGE OTHER THAN ENGLISH (U.C. ONLY)

Satisfactory completion of two years of high school coursework in one language other than English with grades of "C" or better***;

OR

completion of one of the following: French 101, German 101, Italian 101, Japanese 101, Sign Language 110, Spanish 101** or 101H**, or Vietnamese 101;

OR

satisfactory completion, with "C" grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English;

OR

satisfactory score in examinations of languages other than English;

3 or higher on College Board Advanced Placement Examination, 5 or higher on International Baccalaureate Higher Level Examination; SAT II: Subject Tests (see counselor for required scores);

OR

satisfactory completion of an achievement test administered by a college in language other than English equivalent to two years of high school language.

AMERICAN INSTITUTIONS REQUIREMENT

(Not part of IGETC. May be completed prior to transfer.)

CSU has an American Institutions graduation requirement that is separate from IGETC. Courses used to meet the CSU requirement cannot be used in Area 3 or 4. To meet the CSU requirement, students should take Political Science 101** or 101H** **AND** one of the following courses: History 118, 120**, 120H**, 121**, 121H**, 122**, 123, 124**, 124H**, 127, 146.

UC requires the completion of a college course or courses with a grade of "C" or better **OR** a one-year course in high school in U.S. History or a half-year course in U.S. History and a half-year course in American Government with grades of "C" or better (UCLA requires grades of "B"). UCSB requires the completion of a college course. If you are using college coursework to satisfy this requirement, check the appropriate UC catalog to determine which course(s) to take.

[‡] For possible exceptions, due to extraordinary circumstances, see a counselor for guidelines and petition.

* Courses designated with an asterisk may be counted in one area only.

** Indicates that transfer credit may be limited by either UC or CSU or both.

Please consult with a counselor for additional information.

*** High School transcript must be on file in the admissions office. Please consult with a counselor for additional information.

(L) Designates courses with a laboratory.

The information above was in effect at press time. Courses with a (P) are pending approval from the UC office of the President and the CSU Chancellor's office. Please consult a counselor before enrolling.