



## VI. GENERAL EDUCATION REQUIREMENTS FOR THE ASSOCIATE DEGREE

### PLAN A: 2009-2010

#### 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 • 2009-2010

### 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 any Reading course at the 100 level or above, 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 080 or any other 3 unit mathematics course numbered above the level of 080, OR
2. Score on the SAC/SCC mathematics placement test indicating placement in a mathematics course numbered above the level of 080.

### 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  
Education 204  
Education 205  
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 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, 115, 149, 159, 177, 200, 211, 239, 259  
 Chemistry 109, 119, 209, 210, 219 or 219H  
 Earth Science 110 or 110H, 115, 150 or 150H  
 Environmental Studies 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:

Chinese 101, 102  
 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, 104, 110, 211  
 Philosophy 106 or 106H, 108, 112, 118  
 Sign Language 110, 111, 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, 163, 181  
 Human Development 221  
 Literature:

English 245, 246, 278

Music 103

Nutrition & Food 118

Psychology 170

Sign Language 116

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 completing English 101 or 101H with 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  
 Reading 102, 150  
 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, 130, 132, 140, 150, 155, 160, 169, 170, 180, 185, 200, 210, 220, 226, 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, 155, 156, 158, 160  
 E.S. Aquatics 201, 204  
 E.S. Fitness 100, 101, 102, 108, 109, 110, 115, 116, 119, 120, 145, 147  
 E.S. Intercollegiate Athletics 124, 125, 126, 127, 128, 201, 202, 203, 204, 205, 206, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222  
 E.S. Off Season Activities 130, 169, 226, 230, 261, 262, 280, 290

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.