Programs Leading to an Associates Degree

GENERAL EDUCATION REQUIREMENTS

Philosophy Statement

General education is the distinguishing feature of higher education. It is a broadly-based core of humanistic knowledge and abilities, the acquisition of which is the distinctive characteristic of the educated person. General education courses emphasize the ability to reason, to examine issues from different perspectives, to challenge authority, and to communicate ideas logically and confidently. They instill open-mindedness, respect for differences among people, and knowledge of self. By exposing students to different fields of study, general education courses provide an understanding of the human condition and of human accomplishments and encourage a lifelong interest in learning. Together with other Mt. San Antonio College degree requirements, the general education component of the associate degree prepares students to:

- transfer to and function successfully in a baccalaureate degree-granting institution;
- enter the workforce as a competent, productive citizen;
- live a richer, more rewarding life.

General education courses are not primarily skills-based, nor are they limited to, or more appropriate for, majors in a specialized field of study. Courses that fulfill general education requirements must:

1. Require post-secondary level skills in reading, writing, quantitative reasoning, and critical thinking.
2. Improve students' abilities to:
   - communicate oral and written ideas effectively;
   - define problems, design solutions, critically analyze results;
   - use available media to access and retrieve reliable information for data gathering and research;
   - work effectively, both cooperatively and independently;
   - develop and question personal and societal values, make informed choices, and accept responsibility for their decisions;
   - function as active, responsible, ethical citizens;
   - acquire the curiosity and skills essential for lifelong learning.
3. Impart understanding, knowledge, and appreciation of:
   - our shared scientific, technological, historical, and artistic heritage, including the contributions of women, ethnic minorities, and non-western cultures;
   - the earth's ecosystem, including the processes that formed it and the strategies that are necessary for its maintenance;
   - human social, political, and economic institutions and behavior, including their interrelationships;
   - the psychological, social, and physiological dimensions of men and women as individuals and as members of society.

Courses that fulfill general education requirements must fall into one of the content categories listed below:

A. Communication and Critical Thinking
These courses emphasize both the content and form of communication. They teach students the relationship of language to logic, as well as how to analyze, criticize, and advocate ideas; to reason deductively and inductively; and to reach sound conclusions. Courses fulfilling this requirement:

- provide understanding of the psychological and social significance of communication;
- illustrate how communication operates in various situations;
- focus on communication from the rhetorical perspective: reasoning, advocacy, organization, accuracy; the discovery, critical evaluation, and reporting of information; reading, listening, speaking, and writing effectively;
- provide active participation and practice in written and oral communication.

B. Science and Mathematics
These courses impart knowledge about living and non-living systems, and mathematical concepts and quantitative reasoning with applications. Courses fulfilling this requirement:

- promote understanding and appreciation of the methodologies and tools of science;
- emphasize the influence of scientific knowledge on the development of civilization;
- impart appreciation and understanding of basic concepts, not just skills;
- offer specific inquiry into mathematical concepts, quantitative reasoning and application. (See Mt. SAC degree competency requirements.)

C. Humanities
These courses cultivate intellect, imagination, sensibility and sensitivity. They encourage students to respond subjectively as well as objectively and to develop a sense of the integrity of emotional and intellectual responses. Courses fulfilling this requirement:

- study great work of the human imagination;
- increase awareness and appreciation of the traditional humanistic disciplines such as art, dance, drama, literature, and music;
- impart an understanding of the interrelationship between creative art, the humanities, and the self;
- provide exposure to both Western and non-Western cultures;
- may include a foreign language course that contains a cultural component as opposed to a course that focuses solely on skills acquisition.

D. Social Sciences
These courses explore, at the micro and macro-level, the social, political, and economic institutions that underpin society. Courses fulfilling these requirements:

- promote understanding and appreciation of social, political, and economic institutions;
- probe the relationship between these institutions and human behavior;
- examine these institutions in both their historical and contemporary context;
- include the role of, and impact on, non-white ethnic minorities and women;
- include both Western and non-Western settings.

E. Lifelong Understanding and Self-Development
These courses facilitate an understanding of human beings as integrated physiological, social and psychological organisms. Courses fulfilling this requirement:

- provide selective consideration of human behavior, sexuality, nutrition, health, stress, implications of death and dying, and the relationship of people to the social and physical environment.

Adapted from CSU Executive Order 595 and Title 5 Section 40405.1
GENERAL EDUCATION REQUIREMENTS FOR 2007-2008

Area A:
Communication in the English Language (6 units):
Select two [2] courses from the following:
ENGL 1A Freshman Composition, or
ENGL 1AH Freshman Composition – Honors and
SPCH 1A Public Speaking, or
SPCH 1AH Public Speaking – Honors

Area B:
The Physical Universe and Life (3 units):
Select one [1] course from the Physical Sciences or Life Sciences:

Physical Sciences
ASTR 5 Introduction to Astronomy
ASTR 5L Astronomical Observing Laboratory
ASTR 7 Geology of the Solar System
ASTR 8 Introduction to Stars, Galaxies, and the Universe
CHEM 7 Physical Science
CHEM 7L Physical Science Laboratory
CHEM 10 Chemistry for Allied Health Majors
CHEM 20 Introductory Organic and Biochemistry
CHEM 40 Introduction to General Chemistry
CHEM 50 General Chemistry I
CHEM 50H General Chemistry I – Honors
CHEM 51 General Chemistry II
GEOG 1 Elements of Physical Geography
GEOG 1L Physical Geography Laboratory
GEOG 1H Elements of Physical Geography – Honors
GEOG 1LH Physical Geography Laboratory – Honors
GEOG 1L Physical Geography
GEOG 1LH Physical Geography – Honors
GEOG 7 Geology of California
GEOG 8 Earth Science
GEOG 8H Earth Science – Honors
GEOG 8L Earth Science Laboratory
GEOG 9 Environmental Geology
GEOG 10 Natural Disasters
GEOG 13 Evolution of the Earth
METO 3 Weather and the Atmospheric Environment
METO 3L Weather and the Atmospheric Environment Laboratory
PHSC 7 Physical Science
PHSC 7L Physical Science Laboratory
PHYS 1 Physics
PHYS 2AG General Physics
PHYS 2BG General Physics
PHYS 4A Engineering Physics

Life Sciences
AGOR 1 Horticultural Science
ANAT 10A Introductory Human Anatomy
ANAT 10B Introductory Human Physiology
ANAT 15 Human Anatomy
ANAT 16 Human Physiology
ANTH 1 Biological Anthropology
ANTH 1H Biological Anthropology – Honors
ANTH 1L Biological Anthropology Laboratory
Biol 1 General Biology
Biol 2 Plant and Animal Biology
Biol 3 Ecology and Field Biology
Biol 4 Biology for Majors
Biol 4H Biology for Majors – Honors
Biol 6 Humans and the Environment
Biol 6L Humans and the Environment Laboratory
Biol 17 Neurobiology and Behavior
Biol 20 Marine Biology
Biol 21 Marine Biology Laboratory
MIRC 1 Principles of Microbiology
MIRC 2 Microbiology
PSYC 1B Biological Psychology

Area C:
Arts and Humanities (6 units):

Arts
AHIS 5 History of Western Art: Renaissance
AHIS 5H History of Western Art: Renaissance – Honors
AHIS 6 History of Modern Art
AHIS 6H History of Modern Art – Honors
AHIS 9 History of Asian Art
AHIS 11 History of African, Oceanic, and Native American Art
AHIS 12 History of Precolombian Art
AHIS 12H History of Precolombian Art – Honors
ARCH 31 World Architecture I
ARCH 32 World Architecture II
ARTB 14 Basic Studio Arts
ARTD 15A Drawing: Beginning
ARTD 20 Design: Two-Dimensional
ARTD 25A Painting: Beginning
ARTG 20 Art, Artists and Society
ARTS 22 Design: Three-Dimensional
ARTS 30A Ceramics: Beginning
ARTS 40A Sculpture: Beginning
DN-T 20 History and Appreciation of Dance
ID 180 History of Interior Architecture and Furnishings I
MUS 7 Fundamentals of Music
MUS 11A Music Literature Survey
MUS 11B Music Literature Survey
MUS 12 History of Jazz
MUS 13 Introduction to Music Appreciation
MUS 13H Introduction to Music Appreciation – Honors
MUS 14A World Music
MUS 14B American Folk Music
MUS 15 Rock Music History and Appreciation
PHOT 15 History of Photography
SPCH 4 Oral Interpretation of Literature
THTR 9 Introduction to Theatre Arts
THTR 10 History of Theatre Arts
THTR 11 Principles of Acting I

Humanities
CHIN 1 Elementary Chinese
CHIN 2 Continuing Elementary Chinese
CHIN 3 Intermediate Chinese
CHIN 4 Continuing Intermediate Chinese
ENGL 1B English – Introduction to Literary Types
ENGL 18H English – Introduction to Literary Types – Honors
FRCH 1 Elementary French
FRCH 2 Continuing Elementary French
FRCH 3 Intermediate French
FRCH 4 Continuing Intermediate French
FRCH 5 Advanced French
FRCH 6 Continuing Advanced French
FRCH 60 French Culture Through Cinema
GERM 1 Elementary German
GERM 2 Continuing Elementary German
GERM 3 Intermediate German

*Courses may not be double counted to satisfy more than one area, even if a course is listed in more than one area.

GENERAL EDUCATION REQUIREMENTS FOR 2007-2008 (continued)

HUM 1 The Humanities
ITAL 1 Elementary Italian
ITAL 2 Continuing Elementary Italian
ITAL 3 Intermediate Italian
ITAL 4 Continuing Intermediate Italian
ITAL 5 Advanced Italian
ITAL 6 Continuing Advanced Italian
ITAL 60 Italian Culture Through Cinema
JAPN 1 Elementary Japanese
JAPN 2 Continuing Elementary Japanese
JAPN 3 Intermediate Japanese
JAPN 4 Continuing Intermediate Japanese
JAPN 5 Advanced Japanese
JAPN 6 Modern Japanese
JAPN 6A Survey of English Literature
JAPN 6B Survey of English Literature
JAPN 11A World Literature
JAPN 11B World Literature
JAPN 14 Introduction to Modern Poetry

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Programs Leading to an Associates Degree

Section 7 33
**Programs Leading to an Associates Degree**

**GENERAL EDUCATION REQUIREMENTS FOR 2007-2008 (continued)**

<table>
<thead>
<tr>
<th>AREA</th>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>D</td>
<td>POLI 1H</td>
<td>Political Science — Honors</td>
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<td>POLI 25</td>
<td>Politics of the Mexican American</td>
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<td>African American Politics</td>
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<td>POLI 41</td>
<td>Cultural Anthropology</td>
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<td>PHIL 12</td>
<td>Ethics — Honors</td>
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<td>PHIL 15</td>
<td>Major World Religions</td>
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<td>PHIL 20</td>
<td>History of Western Philosophy</td>
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<td></td>
<td>SIGN 101</td>
<td>American Sign Language 1</td>
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<td>SIGN 102</td>
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<td>SIGN 202</td>
<td>American Deaf Culture</td>
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<td>SPAN 25</td>
<td>Spanish Literature</td>
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<td>U.S. History and American Institutions</td>
<td>Select one [1] course from the following:</td>
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<td>*HIST 2 History of the U.S.</td>
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<td>*HIST 3 History of the U.S. — Honors</td>
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<td>*HIST 8 History of the U.S.</td>
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<td>*HIST 9 History of the U.S.</td>
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<td>*HIST 10 History of the U.S. — Honors</td>
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<td>*HIST 30 History of the African American</td>
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<td>*HIST 31 History of the African American</td>
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<td>*HIST 36 Women in American History — Beyond the Stereotypes</td>
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<td>*HIST 40 History of the Mexican American</td>
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<td>*HIST 44 History of Native Americans</td>
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<td>POLI 1 Political Science</td>
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<td>*SOC 1 Sociology</td>
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**GENERAL EDUCATION REQUIREMENTS FOR 2007-2008 (continued)**

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<tr>
<th>AREA</th>
<th>Course</th>
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<tr>
<td>D</td>
<td>BIOL 13</td>
<td>Human Reproduction, Development and Aging</td>
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<td>BIOL 15</td>
<td>Human Sexuality</td>
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<td>BIOL 15H</td>
<td>Human Sexuality — Honors</td>
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<td>CHLD 10</td>
<td>Child Growth and Development</td>
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<td></td>
<td>*CHLD 10H</td>
<td>Child Growth and Development — Honors</td>
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<tr>
<td></td>
<td>*COUN 5</td>
<td>Career/Life Planning</td>
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<td></td>
<td>FCS 41</td>
<td>Life Management</td>
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<td>LEAD 55</td>
<td>Exploring Leadership</td>
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<td>NF 10</td>
<td>Nutrition for Personal Health and Wellness</td>
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<td>NF 25</td>
<td>Essentials of Nutrition</td>
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<td>NF 25H</td>
<td>Essentials of Nutrition — Honors</td>
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<td>NF 28</td>
<td>Cultural and Ethnic Foods</td>
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<td>PE 34</td>
<td>Fitness for Living</td>
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<td>PSYC 14</td>
<td>Developmental Psychology</td>
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<td>*PSYC 25</td>
<td>The Psychology of Women</td>
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<td>PSYC 26</td>
<td>Psychology of Sexuality</td>
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<td>PSYC 33</td>
<td>Psychology for Effective Living</td>
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</table>

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**ALPHABETICAL LISTING — ASSOCIATE IN SCIENCE DEGREE (A.S.)**

<table>
<thead>
<tr>
<th>Section 3</th>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>Accounting</td>
<td>Business: Management</td>
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<td>Administrative Assistant</td>
<td>Business: Management</td>
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<tr>
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<td>Advertising Design and Illustration</td>
<td>Chemical Laboratory Technician</td>
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<td>Agri-Technology</td>
<td>Child Development</td>
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<td>Air Conditioning and Refrigeration</td>
<td>Commercial Flight</td>
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<td>Airframe and Aircraft Powerplant</td>
<td>Computer and Networking Technology</td>
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<td>Maintenance Technology — Day</td>
<td>Computer Graphics Design/Photography</td>
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<td>Airframe and Aircraft Powerplant</td>
<td>Computer Network Administration and Security Management</td>
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<td>Maintenance Technology — Evening</td>
<td>Computer Programming — C++</td>
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<td>Alcohol/Drug Counseling</td>
<td>Computer Programming — Database</td>
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<td>Animation</td>
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<td>Architectural Technology</td>
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<td>Aviation Science</td>
<td>Computer Programming — Visual Basic</td>
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<td>Business: Management</td>
<td>Construction Inspection</td>
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<td>Business: Management</td>
<td>Correctional Sciences</td>
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</table>

Mt. San Antonio College offers two year occupational degrees which are described in the section of the Catalog. The degrees meet the degree requirements for the Associate in Science Degree major. Additional general education courses needed for completion of the degree requirements are listed in Section 3 — Academic Information and Requirements of this Catalog. For further information, please consult with the Career Counseling office on the upper level of the Student Services Center.