

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 work force 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
- B. Science and Math
- C. Arts and Humanities
- D. Social Sciences
- E. Lifelong Understanding and Self-Development

Criteria for inclusion in each of the above categories are itemized 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 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 LH Physical Geography Laboratory – Honors
- GEOL 1 Physical Geology
- GEOL 7 Geology of California
- GEOL 8 Earth Science
- GEOL 8H Earth Science – Honors
- GEOL 8L Earth Science Laboratory
- GEOL 9 Environmental Geology
- GEOL 10 Natural Disasters
- GEOL 13 Evolution of the Earth
- METO 3 Weather and the Atmospheric Environment
- METO 3L Weather and the Atmospheric Environment Laboratory
- OCEA 10 Introduction to Oceanography
- OCEA 10H Introduction to Oceanography – Honors
- OCEA 10L Introduction to Oceanography 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 35 Human Anatomy
- ANAT 36 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
- MICR 1 Principles of Microbiology
- MICR 22 Microbiology
- PSYC 1B Biological Psychology

AREA C:

Arts and Humanities (6 units):

Select two [2] courses, six [6] units minimum, with at least one [1] course from the Arts and one [1] from Humanities:

ARTS

- AHIS 1 Understanding the Visual Arts, *or*
- ARTB 1 Understanding the Visual Arts
- AHIS 10 A History of Greek and Roman Art and Architecture
- AHIS 1H Understanding the Visual Arts – Honors
- AHIS 2 Topics in Visual Art and Culture
- AHIS 2H Topics in Visual Art and Culture – Honors
- AHIS 3 History of Women and Gender in Art
- AHIS 3H History of Women and Gender in Art – Honors
- AHIS 4 History of Western Art: Prehistoric Through Gothic
- AHIS 4H History of Western Art: Prehistoric Through Gothic – Honors

GENERAL EDUCATION REQUIREMENTS FOR 2007-2008 (continued)

- AHIS 5 History of Western Art: Renaissance Through Modern
- AHIS 5H History of Western Art: Renaissance Through Modern – 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 Precolumbian Art
- AHIS 12H History of Precolumbian 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 1BH 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
- *HIST 1 History of the U.S.
- *HIST 3 History of World Civilization
- *HIST 3H History of World Civilization – Honors
- *HIST 4 History of World Civilization
- *HIST 4H History of World Civilization – Honors
- *HIST 7 History of the U.S.
- *HIST 7H History of the U.S. – Honors
- *HIST 8 History of the U.S.
- *HIST 8H History of the U.S. – Honors
- *HIST 10 History of Asia
- *HIST 11 History of Asia
- *HIST 19 History of Mexico
- *HIST 30 History of the African American
- *HIST 31 History of the African American
- *HIST 35 History of Africa
- *HIST 36 Women in American History – Beyond the Stereotypes
- *HIST 39 California History
- *HIST 40 History of the Mexican American
- HUMA 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
- LIT 1 Early American Literature
- LIT 2 Modern American Literature
- LIT 6A Survey of English Literature
- LIT 6B Survey of English Literature
- LIT 11A World Literature
- LIT 11B World Literature
- LIT 14 Introduction to Modern Poetry

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

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GENERAL EDUCATION REQUIREMENTS FOR 2007-2008 (continued)

LIT 15	Introduction to Cinema
LIT 20	African American Literature
LIT 25	Contemporary Mexican American Literature
LIT 33	Images of Women in Literature
LIT 35	Science Fiction and Fantasy Survey
LIT 36	Introduction to Mythology
LIT 40	Children's Literature
LIT 46	The Bible as Literature: Old Testament
LIT 47	The Bible as Literature: New Testament
PHIL 5	Introduction to Philosophy
PHIL 5H	Introduction to Philosophy – Honors
PHIL 12	Ethics
PHIL 12H	Ethics – Honors
PHIL 15	Major World Religions
PHIL 15H	Major World Religions – Honors
PHIL 20A	History of Western Philosophy
PHIL 20B	History of Western Philosophy
SIGN 101	American Sign Language 1
SIGN 102	American Sign Language 2
SIGN 103	American Sign Language 3
SIGN 104	American Sign Language 4
SIGN 202	American Deaf Culture
SPAN 1	Elementary Spanish
SPAN 2	Continuing Elementary Spanish
SPAN 3	Intermediate Spanish
SPAN 4	Continuing Intermediate Spanish
SPAN 11	Spanish for the Spanish Speaking
SPAN 12	Continuing Spanish for the Spanish Speaking
SPAN 25	Spanish Literature

AREA D:
Social, Political and Economic Institutions
(6 units): U.S. History and American Institutions

Select one [1] course from the following:

*HIST 1	History of the U.S.
*HIST 7	History of the U.S.
*HIST 7H	History of the U.S. – Honors
*HIST 8	History of the U.S.
*HIST 8H	History of the U.S. – Honors
*HIST 30	History of the African American
*HIST 31	History of the African American
*HIST 36	Women in American History – Beyond the Stereotypes
*HIST 40	History of the Mexican American
*HIST 44	History of Native Americans
POLI 1	Political Science

POLI 1H	Political Science – Honors
POLI 25	Politics of the Mexican American
POLI 35	African American Politics
Elective Courses – select at least one [1] course from the following list (3 units):	
AGAG 1	Food Production, Land Use and Politics – A Global Perspective
AGFR 20	Conservation of Natural Resources
ANTH 3	Archaeology
ANTH 5	Principles of Cultural Anthropology
ANTH 22	General Cultural Anthropology
ANTH 30	The Native American
BUSC 1A	Principles of Economics – Macroeconomics
BUSC 1AH	Principles of Economics – Macroeconomics – Honors
BUSC 1B	Principles of Economics – Microeconomics
BUSC 1BH	Principles of Economics – Microeconomics – Honors
CHLD 1	Child, Family, and Community
CHLD 10	Child Growth and Development
CHLD 10H	Child Growth and Development – Honors
GEOG 2	Human Geography
GEOG 2H	Human Geography – Honors
GEOG 5	World Regional Geography
GEOG 8	The Urban World
GEOG 30	Geography of California
*HIST 3	History of World Civilization
*HIST 3H	History of World Civilization – Honors
*HIST 4	History of World Civilization
*HIST 4H	History of World Civilization – Honors
*HIST 10	History of Asia
*HIST 11	History of Asia
*HIST 19	History of Mexico
*HIST 35	History of Africa
*HIST 39	California History
JOUR 100	Mass Media and Society
JOUR 107	Race, Culture, Sex, and Mass Media Images
POLI 2	Political Science
POLI 5	Political Science Theory
POLI 9	Introduction to International Relations
PSYC 1A	Introduction to Psychology
PSYC 1AH	Introduction to Psychology – Honors
PSYC 19	Abnormal Psychology
*PSYC 25	The Psychology of Women
SOC 1	Sociology

*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)

SOC 1H	Sociology – Honors
SOC 2	Sociology
SOC 2H	Sociology – Honors
SOC 4	Introduction to Gerontology
SOC 5	Introduction to Criminology
SOC 14	Marriage and the Family
SOC 15	Child Development
SOC 20	Sociology of Ethnic Relations
SOC 20H	Sociology of Ethnic Relations – Honors
SPCH 7	Intercultural Communication
SPCH 26	Interpersonal Communication
SPCH 26H	Interpersonal Communication – Honors
AREA E: Lifelong Understanding and Self-Development (3 units): Select one [1] course from the following:	
AD 3	Chemical Dependency: Intervention, Treatment and Recovery
BIOL 5	Contemporary Health Issues

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

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

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.

A	B-C		
Accounting	36	Business: Management	39
Administrative Assistant	36	Business: Retail Management	39
Advertising Design and Illustration	36	Chemical Laboratory Technician	39
Agri-Technology	36	Child Development	39
Air Conditioning and Refrigeration	37	Commercial Flight	40
Airframe and Aircraft Powerplant Maintenance Technology – Day	37	Computer and Networking Technology	40
Airframe and Aircraft Powerplant Maintenance Technology – Evening	37	Computer Graphics Design/Photography	40
Alcohol/Drug Counseling	38	Computer Network Administration and Security Management	40
Animation	38	Computer Programmer – C++	41
Architectural Technology	38	Computer Programmer – Database Management Systems	41
Aviation Science	38	Computer Programmer – Telecommunications	41
		Computer Programmer – Visual Basic	41
		Construction Inspection	42
		Correctional Sciences	42