

ASSOCIATE DEGREES WITH AN AREA OF EMPHASIS

ASSOCIATE DEGREE WITH AN EMPHASIS IN BUSINESS, COMPUTER INFORMATION, AND APPLIED TECHNOLOGY

The intent of this degree is to prepare students for careers and/or higher education in business, computer information, and applied technology, generally, or in specific disciplines within this broad designation.

This degree emphasizes training that will enable students to lead, direct, plan, organize, and respond to a variety of challenges. It stresses problem-solving skills involved in making managerial, financial, and technical decisions based on available data, tools, and resources. Courses in the program study the elements of creative thinking and interpretation used in the process of transmitting information graphically. Students are acquainted with the concepts, theories, and terminology critical to their area of emphasis.

To obtain the Associate Degree with an Emphasis in Business, Computer Information, and Applied Technology, students will have to:

1. Complete
 - A. The CSU General Education Certification pattern, a minimum of 39 units.
OR
 - B. The IGETC Certification pattern, a minimum of 36 units.
OR
 - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in each of the course clusters.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

Complete a minimum of 18 units from the following courses, with at least one course taken in each of the course clusters identified below. CWE 168 may be taken to fulfill only one of the course cluster requirements.

BUSINESS

ACCT 1A, 1B, 114, 204, 212.1, 212.2, 215
CWE 168
ECON 1, 2, 6, 13, 105
MATH 3A, 3B, 4A, 9, 11, 13, 24, 26, 47, 124, 253
MGT 1, 12A, 102, 103, 104, 115, 120, 125, 135, 268, 288
PHIL 2
RE 170, 172, 174A, 175, 176A, 178, 190, 195, 279
SP 1
STATISTICS: ECON 10 or MATH 10 or MGT 10
WR 2

COMPUTER INFORMATION

Repeatable courses listed below may be used only once toward fulfillment of the 18-unit emphasis requirement.
CIM 100A, 100B, 101A, 101B, 104.1, 107.1, 203.1, 206.1, 210.1, 210.2, 210.3, 212.1, 212.2, 214.1, 214.2, 220.1, 221.1, 221.2, 222.1, 223.1, 224.1, 230.1, 230.2, 240.1, 241.1, 242.1, 242.2, 243.1, 243.2, 244.1, 245.1, 246.1, 260.1, 260.2, 263.1, 263.2, 263.3, 263.4
CS 1, 21, 30, 34, 36, 37, 38, 39, 40A, 40B, 41, 50A, 101, 130, 131, 142, 230, 238, 250A, 250B

APPLIED TECHNOLOGY

Repeatable courses listed below may be used only once toward fulfillment of the 18-unit emphasis requirement.
CWE 168
DMA 51, 55, 65, 140, 145, 150, 160, 170, 175, 180, 200L, 252
DMP 200, 210, 220, 221, 222, 230, 240, 241, 260
DR 50, 100, 101, 102
ENGR 21, 23, 183, 184

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Associate Degree with an Emphasis in Business, Computer Information, and Applied Technology (cont'd.)

ENGT 140

ET 101, 102, 104, 105, 107, 109, 116, 120

PHYS 2A or 2A+2B or 4A+4B, 4C, 20

ASSOCIATE DEGREE WITH AN EMPHASIS IN COMMUNICATION, FINE, AND PERFORMING ARTS

The intent of this degree is to prepare students for careers and/or higher education in the fine, performing, and communication arts, generally, or in specific disciplines within this broad designation.

This degree emphasizes the contributions that the arts have made and continue to make in establishing and preserving our cultural and historical traditions, and in the role of human symbolic interaction, both verbal and nonverbal. Students develop an understanding of and ability to respond to aesthetic significance and to the world as it has been represented over time and across cultures in visual, aural, tactile, and dramatic forms. Depending upon their area of emphasis, students may focus on expression or performance in an artistic medium. Communication is a component of all fine and performing arts, in their various forms.

To obtain the Associate Degree with an Emphasis in Communication, Fine, and Performing Arts, students will have to:

1. Complete
 - A. The CSU General Education Certification pattern, a minimum of 39 units.
OR
 - B. The IGETC Certification pattern, a minimum of 36 units.
OR
 - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in each of the course clusters.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

Complete a minimum of 18 units from the following courses, with at least one course taken in each of the course clusters identified below.

ART APPRECIATION, HISTORY AND THEORY

ART 4, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 104, 133, 144

FA 27

DMA 150

DNCE 77, 85

MUS 20, 21, 27, 28

PHIL 7

PHOT 1/ART 1

SP 9, 100, 105

TA 20, 21, 25, 26, 28

WR 2

STUDIO AND PERFORMANCE

ART 40, 41, 50, 51, 52, 80, 81, 82, 85, 86, 104, 144, 158, 159, 255

DNCE 6, 7, 12, 13, 17, 18, 22, 23, 30, 33, 36, 50, 55, 65

DMA 51, 55, 65, 140, 145, 160, 170, 175, 180, 200L, 252

MUS 1, 3, 4, 5, 6, 34, 37, 38, 39, 40, 41, 42, 43, 46, 47, 54, 55, 56, 70, 80, 81, 82, 83, 84, 85, 180

PHOT 50, 51, 55, 56, 160, 161, 190, 245.1

SP 1, 2, 3, 30, 35, 106

TA 1, 2, 3, 4, 5, 8, 9, 10, 12, 15, 16, 17, 18, 19, 30, 35, 40B, 40C, 41, 42, 43, 142, 241

ASSOCIATE DEGREE WITH AN EMPHASIS IN FINE ARTS: APPRECIATION, HISTORY, AND THEORY

The intent of this degree is to prepare students for higher education in the history, theory, and appreciation of the arts and/or for one of many careers in the arts—e.g., art educator, curator, critic, researcher, historian, preservationist, or other art-related profession.

This degree emphasizes cross-disciplinary, theoretical study and an appreciation of the arts from a critical and principally non-performing point of view. Students develop an appreciation for aesthetic meaning and significance, and for the contexts— cultural, economic, historical, political, and religious—in which art has been created and viewed over time.

To obtain the Associate Degree with an Emphasis in Fine Arts: Appreciation, History, and Theory, students will have to:

1. Complete
 - A. The CSU General Education Certification pattern, a minimum of 39 units.
OR
 - B. The IGETC Certification pattern, a minimum of 36 units.
OR
 - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:

ART: ART 4, 20, 24, 25, 26, 27, 28, 30

DANCE: DNCE 77, 85

PHOTOGRAPHY: PHOT 1/ART 1

FINE ARTS: FA 27

MUSIC: MUS 1, 3, 20, 21, 27, 28

THEATRE ARTS: TA 20, 21, 25, 26

ASSOCIATE DEGREE WITH AN EMPHASIS IN FINE ARTS: APPLIED ARTS AND PERFORMANCE

The intent of this degree is to prepare students for higher education in the applied and performing arts or for careers as artists or performers.

This degree emphasizes the working methods, performance practice, and contributions of visual and performing artists in various historical and cultural contexts. Students develop the skills needed to contemplate, interpret, create, perform, respond aesthetically, and work collaboratively. As students receive training in a minimum of three applied and performance arts areas, they learn to relate and apply common and diverse ideas in an interdisciplinary arts environment, in addition to focusing on their specific area of emphasis.

To obtain the Associate Degree with an Emphasis in Fine Arts: Applied Arts and Performance, students will have to:

1. Complete
 - A. The CSU General Education Certification pattern, a minimum of 39 units.
OR
 - B. The IGETC Certification pattern, a minimum of 36 units.
OR
 - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:

DANCE: DNCE 1, 6, 7, 12, 13, 17, 18, 22, 23, 30, 33

DIGITAL MEDIA ARTS AND PHOTOGRAPHY: DMA/PHOT 51, DMA 55, DMA 140, PHOT 50, PHOT 55, PHOT 56

MUSIC: MUS 39, 40, 42, 46, 54, 55, 56, 70, 80, 81, 82, 83, 84, 85

SPEECH: SP 1, SP/TA 30, SP 106

STUDIO ART: ART 40, 41, 50, 51, 52, 80, 81, 82, 85, 86, 144

THEATRE ARTS: TA 15, 16, 17, 18, 19, 40B, 43, 142

ASSOCIATE DEGREE WITH AN EMPHASIS IN HUMANITIES AND LANGUAGES

The intent of this degree is to prepare students for careers and/or higher education in the humanities and languages, generally, or in specific disciplines within this broad designation.

This degree emphasizes the methods and values of humanistic study. Students investigate the role that philosophy, literature, religion, history, and the arts play in the shaping of human cultures. Students also consider how the central traditions, values, ideas, and texts, and the aesthetic concepts of a culture reflect the human condition. Students explore the connection of language to daily life and cultural context, regardless of which language they use to conduct their study and to converse.

To obtain the Associate Degree with an Emphasis in Humanities and Languages, students will have to:

1. Complete
 - A. The CSU General Education Certification pattern, a minimum of 39 units.
OR
 - B. The IGETC Certification pattern, a minimum of 36 units.
OR
 - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:

ART: ART 1/PHOT 1, ART 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 133, 144

CHINESE*: CH 2, 3

DIGITAL MEDIA ART: DMA 150

FRENCH*: FR 2 [or 2A+2B], 3, 4, 5, 10, 20, 121

HISTORY: HIST 1, 2, 3, 4, 10, 11, 20, 21, 22, 24, 31, 32, 33, 40, 41, 45, 50, 51, 70, 71, 73

HUMANITIES: HUM 2, 20, 21, 22, 50

JAPANESE*: JA 2 [or 2A+2B], 3, 4, 5, 10, 21

LITERATURE: LIT 1, 20, 21, 22, 23, 24, 30, 31, 32, 33, 40, 41, 42, 43, 46, 47, 110

PHILOSOPHY: PHIL 1, 2, 3, 5, 6, 7, 10, 11

POLITICAL SCIENCE: PS 1, 4, 14, 45

READING: RD 174

SIGN LANGUAGE*: SIGN 21, 22, 23

SPANISH*: SPAN 2 [or 2A+2B], 3, 4, 10

WRITING: WR 2, 10, 11, 12, 13

* *LANGUAGE COURSES, PLEASE NOTE: Students who have acquired fluency in one language may elect to begin or continue in a second language, or to focus on the culture and literature related to the first language.*

ASSOCIATE DEGREE WITH AN EMPHASIS IN NATURAL SCIENCES AND MATHEMATICS

The intent of this degree is to prepare students for careers and/or higher education in the natural sciences and mathematics, generally, or in specific disciplines within this broad designation.

This degree includes training in the scientific method, the fundamental principles of natural science, and the analytical reasoning of mathematics. Emphases of courses for this degree include mathematical, physical and life science concepts, principles, theories, and laws. Some courses acquaint students with the methods of conducting scientific investigations in laboratory field settings through observation, while other courses require students to construct logical arguments, make valid inferences, and acquire quantitative skills essential to many other disciplines.

To obtain the Associate Degree with an Emphasis in Natural Sciences and Mathematics, students will have to:

1. Complete
 - A. The CSU General Education Certification pattern, a minimum of 39 units.
OR
 - B. The IGETC Certification pattern, a minimum of 36 units.
OR
 - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:

NOTE: For emphases in the sciences and math, a minimum of two courses must have a laboratory or field component. Students interested in pursuing their education in the sciences are advised to complete more laboratory and/or field courses.

BIOLOGY: BIO 1 + 1L, 2, 5, 6, 6L, 15, 93, 94 + 94L, 97, 99, 99L, 10, 121

CHEMISTRY: CHEM 1A + 1B, 12A + 12B

COMPUTER SCIENCE: CS 30, 34, 36, 37

EARTH SCIENCES: EARTH 20

FIELD STUDIES AND RESEARCH: BIO 4, 13, 19, 30, 101, 103, 104, 110, 140; GEOG 102; GEOL 140, 170, 181, 186

GEOLOGY: GEOL 1, 2, 3, 140, 170, 181, 186

MATHEMATICS: MATH 3A, 3B, 4A, 13, 24, 26, 47

MARINE SCIENCE: MS 20

PHYSICS: PHYS 2A + 2B or 4A + 4B, 4C

ASSOCIATE DEGREE WITH AN EMPHASIS IN SOCIAL AND BEHAVIORAL SCIENCES

The intent of this degree is to prepare students for careers and/or higher education in the social sciences, generally, or in specific disciplines within this broad designation.

This degree emphasizes the nature of individual and collective human behavior: our interactions; the political, economic, social, and psychological structures and institutions of human beings; and the challenges of developing and sustaining interpersonal and intercultural relationships. Students employ the fundamental principles of the scientific method and apply data collection, synthesis, and analysis to enhance their ability to explain how groups and subgroups operate and to make responsible political, moral, and social decisions.

To obtain the Associate Degree with an Emphasis in Social and Behavioral Sciences, students will have to:

1. Complete
 - A. The CSU General Education Certification pattern, a minimum of 39 units.
OR
 - B. The IGETC Certification pattern, a minimum of 36 units.
OR
 - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, including a minimum of 9 units selected from at least three of the social and behavioral science disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with faculty in the following fields of interest to identify career areas and to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths. The courses within each concentration described below represent clusters of courses designed to prepare students for common traditional university major areas of study, for certificate programs, or for technical education certificates.

Complete a minimum of 18 units from the courses listed below, including a minimum of 9 units selected from at least three of the social and behavioral science disciplines.

SOCIAL AND BEHAVIORAL SCIENCE DISCIPLINES

ADMINISTRATION OF JUSTICE: AJ 2, 4, 5, 8, 102, 103, 105, 106, 107, 111, 112, 113, 119, 150, 161, 250

ANTHROPOLOGY: ANTH 1, 2, 3, 4, 7, 9, 21

ECONOMICS: ECON 1, 2, 6, 13, 20, 105

GEOGRAPHY: GEOG 1, 2, 3, 38, 102

HISTORY: HIST 1, 2, 10, 11, 20, 21, 24, 31, 32, 33, 40, 41, 45, 51

HUMAN DEVELOPMENT: HD 7, 15, 101, 104, 105, 110, 120, 131, 145, 150, 160, 181, 266, 267, 268, 269, 270, 271

POLITICAL SCIENCE: PS 1, 3, 4, 5, 6, 7, 12, 14, 17, 41, 45, 201

PSYCHOLOGY: PSYC 1, 2, 3, 5, 7, 21, 30, 37, 106, 110, 133, 160

SOCIOLOGY: SOC 1, 2, 10, 15, 19, 20, 21, 30

WOMEN'S STUDIES: WS 10, 100

RELATED DISCIPLINES

Students may count a maximum of 9 units from the courses listed below toward the 18-unit requirement.

ACCOUNTING: ACCT 1A, 1B

ART: ART 21

BIOLOGY: BIO 1+1L, 30, 121

CHEMISTRY: CHEM 1A

COMPUTER SCIENCE: CS 1, 101

COOPERATIVE WORK EXPERIENCE: CWE 168

GEOLOGY: GEOL 1

HEALTH: HLTH 1

MATHEMATICS: MATH 3A, 3B, 11, 26

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Associate Degree with an Emphasis in Social and Behavioral Sciences (cont'd.)

NUTRITION: NUT 1

PHILOSOPHY: PHIL 2

STATISTICS: ECON 10 or MATH 10 or MGT 10 or PSYC 10

WRITING: WR 2

ASSOCIATE DEGREE WITH AN EMPHASIS IN LIBERAL STUDIES: TEACHER EDUCATION

The intent of this degree is to prepare students for careers and/or higher education in the field of education, particularly in elementary school teaching. It is adapted from the requirements of the state-approved Multiple Subject Credential Program.

The degree emphasizes the integration of concepts from the arts and humanities, literature, natural sciences, and social sciences, offering a broad foundation in diverse disciplines. This course of study fosters the student's understanding and appreciation of how human knowledge and experience have evolved in historical and cultural contexts. The degree also stresses the development of skills in quantitative reasoning, critical thinking, and communication in the English language, both orally and in writing.

To obtain the Associate Degree with an Emphasis in Liberal Studies: Teacher Education, students will have to:

1. Complete
 - A. The CSU General Education Certification pattern, a minimum of 39 units.
OR
 - B. The IGETC Certification pattern, a minimum of 36 units.
OR
 - C. The IVC Associate Degree General Education pattern, a minimum of 31 units
2. Complete a minimum of 18 units from the courses listed below, with at least one course taken in three different disciplines.
3. Complete any elective, degree-applicable courses needed to bring the total number of units to 60.
4. Maintain a 2.0 overall GPA and a grade of "A," "B," "C," or "P" in all courses taken in the area of emphasis.
5. Satisfy the residency and competency requirements as stated on page 33.

Students are advised to consult with a counselor to clarify graduation requirements and/or to determine specific transfer paths and transfer requirements. Students intending to transfer are generally advised to complete either the CSU General Education Certification pattern or the IGETC Certification pattern.

Complete a minimum of 18 units from the following courses, with at least one course taken in three different disciplines:

ARTS AND HUMANITIES: ART 20; FA 27; MUS 1, 20; TA 20

ENGLISH COMMUNICATION: PHIL 3; RD 174; SP 1, 2, 3; WR 1, 2

LITERATURE: LIT 20, 21, 22, 23, 107

MATHEMATICS: MATH 105

NATURAL SCIENCES: BIO 1, EARTH 20, GEOL 1, PHYS 20

SOCIAL SCIENCES: GEOG 2, 3; HIST 1, 20; HD 7 or PSYC 7; HD 15 or SOC 15; PS 1