

ART HISTORY (AA-T) - 67% offered online
BUSINESS ADMINISTRATION (AS) - 73% offered online
BUSINESS ADMINISTRATION (AS-T) - 100% offered online
BUSINESS MANAGEMENT CERTIFICATE - 68% offered online
CISCO CERTIFIED NETWORK ASSOCIATE - 100% online
COMMUNICATION STUDIES (AA-T) - 67% offered online
COMMUNICATION (AA) - 89% offered online
COMPUTER INFORMATION SYSTEMS CERTIFICATE - 79% offered online
COMPUTER SCIENCE (CSCI) - 60% offered online
ECONOMICS (AA-T) - 80% offered online
HISTORY (AA-T) - 67% offered online
HISTORY (AA) - 67% offered online
LIBERAL STUDIES – Teacher Preparation (AA) - 57% offered online
MULTIDISCIPLINARY - HUMANITIES (AA) - 83% offered online
MULTIDISCIPLINARY - FINE ARTS (AA) - 100% offered online
MULTIDISCIPLINARY - SOCIAL SCIENCE (AA) - 100% offered online
PHILOSOPHY (AA-T) - 83% offered online
PHILOSOPHY (AA) - 67% offered online
PSYCHOLOGY (AA-T) - 65% offered online
RELIGIOUS STUDIES (AA) - 67% offered online
SOCIOLOGY (AA-T) - 84% offered online
WEB DESIGN CERTIFICATE - 60% offered online

Associate Degree Programs

Degree Requirements

To earn an Associate of Arts degree or an Associate of Science degree, students must complete general education breadth requirements as specified in Option 1 (p. 2) or Option 2 (p. 2). Students must also meet the following requirements for the Associate of Arts and Associate of Science degree:

1. Completion of a minimum of 60 units of acceptable college work with at least a "C" (2.0) or better cumulative and institutional grade point average. The following restrictions apply to the 60 units required for graduation:
 - a. A maximum of 4 units of physical education activities may be applied
 - b. A maximum of 15 units of credit (CR) or pass (P) grades may be applied. No course taken for the student's major may be taken for CR or P.
 - c. A maximum of 6 units of reading and study skills courses numbered 001-099 (READ 078X2, and CHC 090) may be applied.
 - d. A maximum of 16 units of Career and Technical Education Worksite Experience or 6 units of General Worksite Experience may be applied for elective credit.
2. Successful completion of a minimum of 18 semester units with a "C" or better in all courses required as part of a major as identified by the college catalog.
3. Completion of 12 semester units in residence at Crafton Hills College
4. Reading and writing competency as demonstrated by a grade of "C" or better in ENGL 101 or ENGL 101H or an equivalent course from another accredited institution.
5. Mathematics proficiency as demonstrated by completion of MATH 095 or MATH 095C or any higher level math course with a grade of "C" or better or an equivalent course from another accredited institution.
6. Completion of one of three general education breadth patterns; the Crafton Hills College general education breadth pattern option 1; the Intersegmental General Education Transfer Curriculum (IGETC) option 2A; or the California State University (CSU) general education breadth pattern option 2B.

General Education

Option 1: Associate degree

The general education requirements for Option 1 are designed by Crafton Hills College to provide a fundamental learning foundation for all instructional programs offered by the college. These courses are designed to stimulate the student's intellectual curiosity, to introduce the student to the major broad domains of higher education, and to develop the student's awareness of societal concerns and the responsibilities of citizenship.

Option 2: Associate degree with the intent to transfer to a four year institution

Option 2A

The general education breadth requirements for option 2A follow the Intersegmental General Education Transfer Curriculum (IGETC). Students completing the IGETC pattern will satisfy Option 2A general education breadth requirements.

Option 2B

The general education breadth requirements for option 2B follow the California State University (CSU) general education breadth pattern. Students completing the CSU general education breadth pattern will satisfy Option 2B general education breadth requirements.

General Education Outcomes

NOTE: The courses required for general education at Crafton Hills College (see requirement number 6) may also be used towards fulfilling areas of the IGETC and/or CSU GE requirements.

General Education courses provide a fundamental learning foundation for all instructional programs offered by the college. These courses are designed to stimulate the student's intellectual curiosity, to introduce the student to the major broad domains of higher education, and to develop the student's awareness of societal concerns and the responsibilities of citizenship. All programs leading to the associate degree include a general education component.

General Education at Crafton Hills College is designed to prepare students to:

- analyze, synthesize, and evaluate various forms of information;
- demonstrate effective oral and written communication;
- analyze and use quantitative and qualitative data;
- apply problem-solving and decision-making skills utilizing multiple methods of inquiry;
- recognize the contributions of the arts, humanities, and sciences;
- make informed decisions regarding physical, mental, and emotional health issues;
- develop social awareness and a global perspective;
- understand the power and complexity of diversity.

General Education provides a broad cultural and intellectual background to complement mastery of specific fields of knowledge and contributes to an individual's self-awareness.

Natural Sciences (4 units)

Major/Program Requirements

Course Listing:

ANAT 101	Essentials of Human Anatomy and Physiology	4.00
ANAT 150	Human Anatomy and Physiology I	4.00
ANAT 151	Human Anatomy and Physiology II	4.00
ASTRON 150 or ASTRON 150H	Introduction to Astronomy	3.00
ASTRON 160	Astronomy Laboratory	1.00
BIOL 100	General Biology	4.00
BIOL 130 or BIOL 130H	Cell and Molecular Biology	4.00
BIOL 131 or BIOL 131H	Populations and Organisms	4.00

CHEM 101	Introduction to Chemistry	4.00	ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
CHEM 102	Introduction to Organic Chemistry	4.00	ECON 201 or ECON 201H	Principles of Microeconomics	3.00
CHEM 150 or CHEM 150H	General Chemistry I	5.00	GEOG 102 or GEOG 102H	Cultural Geography	3.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00	GEOG 120	World Regional Geography	3.00
CHEM 212	Organic Chemistry I	4.00	HIST 100 or HIST 100H	History of the United States to 1877	3.00
CHEM 213	Organic Chemistry II	4.00	HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00
ENVS 101 or ENVS 101H	Introduction to Environmental Science	3.00	HIST 107 or ANTHRO 107	The United States and the North American Indians	3.00
ENVS 110	Introduction to Environmental Science Laboratory	1.00	HIST 145	California History	3.00
GEOG 110 or GEOG 110H	Physical Geography	3.00	HIST 150	Survey of Latin American History	3.00
	AND		HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
GEOG 111 or GEOG 111H	Physical Geography Laboratory	1.00	HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00
GEOG 114	Investigations in Weather and Climate	4.00	POLIT 100 or POLIT 100H	American Politics	3.00
GEOL 100 or GEOL 100H	Physical Geology	4.00	POLIT 102	California Politics and Culture	3.00
	OR		POLIT 104	Introduction to Comparative Politics	3.00
GEOL 101 or GEOL 101H	Introduction to Geology	3.00	POLIT 106	Introduction to World Politics	3.00
	AND		POLIT 110	Introduction to Political Theory	3.00
GEOL 160	Geology Laboratory	1.00	POLIT 122	Politics of the Middle East	3.00
GEOL 112	Historical Geology	4.00	PSYCH 100 or PSYCH 100H	General Psychology	3.00
MICRO 102	Introductory Microbiology	4.00	PSYCH 101	Research Methods	3.00
MICRO 150	Medical Microbiology	5.00	PSYCH 102	Personal and Social Adjustment	3.00
OCEAN 100	Investigations in Oceanography	4.00	PSYCH 103	Theories of Personality	3.00
PHYSIC 100	Introduction to Physics	4.00	PSYCH 110	Abnormal Psychology	3.00
PHYSIC 110	General Physics I	4.00	PSYCH 111	Developmental Psychology: Lifespan	3.00
PHYSIC 111	General Physics II	4.00	PSYCH 118	Human Sexual Behavior	3.00
PHYSIC 250	College Physics I	4.00	RELIG 120	Introduction to Islam	3.00
PHYSIC 251	College Physics II	4.00	SOC 100 or SOC 100H	Introduction to Sociology	3.00
PHYSIC 252	College Physics III	4.00	SOC 105	Social Problems	3.00

Social and Behavioral Sciences (3 units)

Major/Program Requirements.

Course Listing:

ANTHRO 100	Introduction to Archaeology	3.00
ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
ANTHRO 106 or ANTHRO 106H	Biological Anthropology	3.00
ANTHRO 107 or HIST 107	The United States and the North American Indians	3.00
ANTHRO 136	Arab Culture and Civilization	3.00
BUSAD 100	Introduction to Business	3.00
CD 105	Child Growth and Development	3.00
COMMST 135 or JOUR 135	Mass Communication in Society	3.00
COMMST 174	Communication in a Diverse World	3.00
ECON 100	Introduction to Economics	3.00

SOC 106	Tribulation, Triumph and Transformation: Introduction to Women's Studies	3.00
SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 132	Identity and Ideology: Introduction to Chicano/a and Latino/a Studies	3.00
SOC 141	Minority Relations	3.00
SOC 145	Sex, Gender and Society	3.00
SOC 150	Gerontology	3.00

Humanities and Fine Arts (6 units)

Humanities - 3 units from the following:

ANTHRO 107 or HIST 107	The United States and the North American Indians	3.00
ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
ANTHRO 136	Arab Culture and Civilization	3.00

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ARABIC 101	College Arabic I	5.00	JAPN 103	College Japanese III	5.00
ARABIC 102	College Arabic II	5.00	JAPN 104	College Japanese IV	5.00
ARABIC 103	College Arabic III	5.00	PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
ARABIC 104	College Arabic IV	5.00	PHIL 105 or PHIL 105H	Introduction to Ethics: Moral Values in Today's Society	3.00
ASL 101	American Sign Language I	4.00	RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00
ASL 102	American Sign Language II	4.00	RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
ASL 103	American Sign Language III	4.00	RELIG 113	Introduction to Eastern Religions	3.00
ASL 104	American Sign Language IV	4.00	RELIG 120	Introduction to Islam	3.00
ASL 115	The American Deaf Experience: Introduction to Deaf Studies	3.00	RELIG 135 or HIST 135	Religion in America	3.00
ENGL 108 or THART 108	World Drama I	3.00	RELIG 176	Jesus and His Interpreters	3.00
ENGL 109 or THART 109	World Drama II	3.00	RUS 101	College Russian I	5.00
ENGL 150	Classical Mythology	3.00	RUS 102	College Russian II	5.00
ENGL 152 or ENGL 152H	Intermediate Composition and Literature	4.00	SPAN 101	College Spanish I	5.00
ENGL 155 or ENGL 155H	Children's Literature	3.00	SPAN 102	College Spanish II	5.00
ENGL 160	Literature by Women	3.00	SPAN 103	College Spanish III	5.00
ENGL 163	Chicano/Latino Literature	3.00	SPAN 104	College Spanish IV	5.00
ENGL 175 or RELIG 175	Literature and Religion of the Bible	3.00	SPAN 157	Spanish for Spanish Speakers I	5.00
ENGL 250	Fiction	3.00	SPAN 158	Spanish for Spanish Speakers II	5.00
ENGL 260	Survey of American Literature I	3.00	<u>Fine Arts - 3 units from the following:</u>		
ENGL 261	Survey of American Literature II	3.00	ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ENGL 270	Survey of British Literature I	3.00	ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
ENGL 271	Survey of British Literature II	3.00	ART 103	Art Appreciation	3.00
ENGL 275	Shakespeare	3.00	ART 105	History of Modern Art	3.00
ENGL 280	World Literature to the 17th Century	3.00	ART 113	Survey of Asian Art	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00	COMMST 120 or COMMST 120H	Oral Interpretation of Literature	3.00
FRENCH 101	College French I	5.00	DANCE 200 or DANCE 200H	Dance History and Appreciation	3.00
FRENCH 102	College French II	5.00	ENGL 170	The Film Experience	3.00
FRENCH 103	College French III	5.00	ENGL 232	Creative Writing	3.00
FRENCH 104	College French IV	5.00	HUM 103	Humanities: The Arts and Culture of Los Angeles	1.00
HIST 100 or HIST 100H	History of the United States to 1877	3.00	HUM 140	Humanities Through the Arts	3.00
HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00	MUSIC 100	Fundamental Skills in Music	3.00
HIST 135 or RELIG 135	Religion in America	3.00	MUSIC 103 or MUSIC 103H	Appreciation of American Popular Music	3.00
HIST 145	California History	3.00	MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
HIST 150	Survey of Latin American History	3.00	MUSIC 134	Jazz History	3.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00	THART 100 or THART 100H	Introduction to Theatre	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00	<u>Language and Rationality (13-14 units)</u>		
HUM 101	The Humanities I: Prehistoric to Medieval	3.00	<u>Written Traditions - 4 units from the following:</u>		
HUM 102	The Humanities II: Renaissance to Post Modern	3.00	ENGL 101 or ENGL 101H	Freshman Composition	4.00
HUM 103	Humanities: The Arts and Culture of Los Angeles	1.00	ENGL 146	Writing for Business and the Professions	4.00
HUM 140	Humanities Through the Arts	3.00			
JAPN 101	College Japanese I	5.00			
JAPN 102	College Japanese II	5.00			

Oral Traditions - 3 units from the following:

BUSAD 145 or COMMST 145	Business Communication	4.00
BUSAD 155 or COMMST 155	Human Relations in the Workplace	3.00
COMMST 100 or COMMST 100H	Elements of Public Speaking	3.00
COMMST 111 or COMMST 111H	Interpersonal Communication	3.00
COMMST 140	Small Group Communication	3.00

Quantitative Reasoning - 3-4 units from the following:

CSCI 200 or MATH 200	Discrete Structures	4.00
MATH 095	Intermediate Algebra	4.00
MATH 102	College Algebra	4.00
MATH 103	Plane Trigonometry	4.00
MATH 108 or PSYCH 108	Statistics	4.00
	OR	
MATH 110	Introduction to Probability and Statistics	4.00
	OR	
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00
MATH 115	The Ideas of Mathematics	3.00
MATH 141	Calculus for Business	4.00
MATH 160	Precalculus	4.00
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00
MATH 265	Linear Algebra	4.00
MATH 266	Introduction to Ordinary Differential Equations	4.00

Critical Thinking and Information Literacy - 3 units from the following:

COMMST 125 or COMMST 125H	Critical Thinking through Argumentation and Debate	3.00
ENGL 102 or ENGL 102H	Intermediate Composition and Critical Thinking	4.00
LIBR 100	Introduction to Library Research and Information Competency	3.00
PBSF 127	Emergency Services: Decision Making and Problem Solving	3.00
PHIL 103	Introduction to Logic: Argument and Evidence	3.00

Health and Wellness (2-3 units)

Major/Program Requirements

Course Listing:

DANCE 101	Modern Dance I	2.00
DANCE 102	Modern Dance II	2.00
DANCE 103	Ballet I	2.00
DANCE 104	Ballet II	2.00

DANCE 130A or KIN/D 130A	Jazz Dance I	.50- 1.00
DANCE 143A or KIN/D 143A	Funk/Hip Hop Dance I	.50- 1.00
DANCE 163A or KIN/D 163A	Ballroom/Swing/Salsa I	.50- 1.00
HEALTH 102	Biological Principles of Health	3.00
HEALTH 263 or HEALTH 263H	Nutrition and Health	3.00
KIN/F 049 or FIRET 049	Basic Firefighter Physical Fitness	2.00
KIN/F 105A	Aerobic Conditioning I	0.50
		- 1.00
KIN/F 106A	Total Body Fitness I	0.50
		- 1.00
KIN/F 108A	Resistance and Weight Training I	0.50
		- 1.00
KIN/F 127A	Walking for Fitness I	0.50
		- 1.00
KIN/F 155A	Conditioning with the Pilates Method I	0.50
		- 1.00
KIN/F 168A	Yoga I	0.50
		- 1.00
KIN/F 190A	Tai Chi I	0.50
		- 1.00
KIN/F 190B	Tai Chi II	0.50
		- 1.00
KIN/F 190C	Tai Chi III	0.50
		- 1.00
KIN/F 190D	Tai Chi IV	0.50
		- 1.00
KIN/S 120A	Golf I	0.50
		- 1.00
KIN/S 148A	Tennis I	0.50
		- 1.00
KIN/S 164A	Swimming I	0.50
		- 1.00
KIN/S 164B	Swimming II	0.50
		- 1.00
KIN/S 164C	Swimming III	0.50
		- 1.00
KIN/S 164D	Swimming IV	0.50
		- 1.00

KIN/S 179A	Team Sports I	0.50	JAPN 101	College Japanese I	5.00
		-	JAPN 102	College Japanese II	5.00
		1.00	JAPN 103	College Japanese III	5.00
KIN/S 179A	Team Sports I	0.50	JAPN 104	College Japanese IV	5.00
		-	SOC 106	Tribulation, Triumph and Transformation: Introduction to Women's Studies	3.00
		1.00			
KIN/S 248A	Competitive Tennis I	0.50	SOC 132	Identity and Ideology: Introduction to Chicano/a and Latino/a Studies	3.00
		-			
		1.00			

Diversity and Multiculturalism and American Heritage:

As part of the 28 units of general education coursework students must satisfy the following two requirements by taking one course in each of the following two categories:

Diversity and Multiculturalism

A minimum of one course chosen from this group may be taken as part of areas A-E above

Course Listing:

ANTHRO 107 or HIST 107	The United States and the North American Indians	3.00
ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
ANTHRO 136	Arab Culture and Civilization	3.00
ARABIC 101	College Arabic I	5.00
ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
ASL 101	American Sign Language I	4.00
ASL 102	American Sign Language II	4.00
ASL 103	American Sign Language III	4.00
ASL 104	American Sign Language IV	4.00
ASL 115	The American Deaf Experience: Introduction to Deaf Studies	3.00
COMMST 174	Communication in a Diverse World	3.00
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00
FRENCH 101	College French I	5.00
FRENCH 102	College French II	5.00
FRENCH 103	College French III	5.00
FRENCH 104	College French IV	5.00
GEOG 102 or GEOG 102H	Cultural Geography	3.00
HIST 150	Survey of Latin American History	3.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
HUM 140	Humanities Through the Arts	3.00

JAPN 101	College Japanese I	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
SOC 106	Tribulation, Triumph and Transformation: Introduction to Women's Studies	3.00
SOC 132	Identity and Ideology: Introduction to Chicano/a and Latino/a Studies	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 120	Introduction to Islam	3.00
RUS 101	College Russian I	5.00
RUS 102	College Russian II	5.00
SOC 105	Social Problems	3.00
SOC 141	Minority Relations	3.00
SOC 145	Sex, Gender and Society	3.00
SOC 150	Gerontology	3.00
SPAN 101	College Spanish I	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00
SPAN 157	Spanish for Spanish Speakers I	5.00
SPAN 158	Spanish for Spanish Speakers II	5.00

American Heritage

Course Listing:

ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
HIST 100 or HIST 100H	History of the United States to 1877	3.00
HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00
HIST 135 or RELIG 135	Religion in America	3.00
HIST 145	California History	3.00
MUSIC 103 or MUSIC 103H	Appreciation of American Popular Music	3.00
MUSIC 134	Jazz History	3.00
POLIT 100 or POLIT 100H	American Politics	3.00

PROGRAMS

American Sign Language (ASL)

American Sign Language - Associate of Arts Degree.

Major/Program Requirements

Required Courses:

ASL 101	American Sign Language I	4.00
ASL 102	American Sign Language II	4.00
ASL 103	American Sign Language III	4.00
ASL 104	American Sign Language IV	4.00
ASL 115	The American Deaf Experience: Introduction to Deaf Studies	3.00

Students must complete at least two (2) units from the following courses:

ASL 105	American Sign Language V	3.00
ASL 200	Introduction to Interpreting for the Deaf	3.00
ASL 205	Fingerspelling, Numbers, Classifiers, and Non-Manuals	2.00

American Sign Language Certificate of Achievement

Major/Program Requirements

Required Courses

ASL 101	American Sign Language I	4.00
ASL 102	American Sign Language II	4.00
ASL 103	American Sign Language III	4.00
ASL 104	American Sign Language IV	4.00

Anatomy (ANAT)

Anatomy - Associate of Science Degree

see BIOLOGY

Anthropology (ANTHRO)

Associate in Arts in Anthropology for Transfer (AA-T) Degree

Major/Program Requirements

Required Courses:

ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
ANTHRO 106 or ANTHRO 106H	Biological Anthropology	3.00
ANTHRO 100	Introduction to Archaeology	3.00
MATH 110	Introduction to Probability and Statistics OR	4.00
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00

Students must complete at least three (3) units from the following list:

GEOL 100 or GEOL 100H	Physical Geology	4.00
PSYCH 101	Research Methods	3.00

Students must complete at least three (3) additional units from the following list:

ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
ANTHRO 107 or HIST 107	The United States and the North American Indians	3.00
COMMST 174	Communication in a Diverse World	3.00
GEOG 102 or GEOG 102H	Cultural Geography	3.00
GEOG 120	World Regional Geography	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
SOC 100 or SOC 100H	Introduction to Sociology	3.00
SOC 141	Minority Relations	3.00

Anthropology - Associate of Arts Degree

Major/Program Requirements

Required Courses:

ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
ANTHRO 106 or ANTHRO 106H	Biological Anthropology	3.00

Students must complete at least twelve (12) units from the following courses:

ANTHRO 100	Introduction to Archaeology	3.00
ANTHRO 107 or HIST 107	The United States and the North American Indians	3.00
ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
GEOG 102 or GEOG 102H	Cultural Geography	3.00
GEOG 110 or GEOG 110H	Physical Geography	3.00
MATH 110	Introduction to Probability and Statistics OR	4.00
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00
SOC 100 or SOC 100H	Introduction to Sociology	3.00

Arabic (ARABIC)

Arabic - Associate of Arts Degree

Major/Program Requirements

Required Courses:

ARABIC 101	College Arabic I	5.00
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ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00

HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00

Art (ART)

Associate in Arts in Art History for Transfer (AA-T) Degree - 67% DE

Major/Program Requirements

Required Courses:

ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
ART 113	Survey of Asian Art	3.00
ART 124	Drawing I	3.00

Students must complete at least three (3) units from the following list:

ART 120	Foundations of Two-Dimensional Design	3.00
ART 121	Foundations of Three-Dimensional Design	3.00
ART 126	Painting I	3.00
ART 132	Life Drawing I	3.00
ART 175	Sculpture	3.00
ART 200	Printmaking	3.00

Students must complete at least three (3) additional units from the following list:

ART 105	History of Modern Art	3.00
ART 120	Foundations of Two-Dimensional Design	3.00
ART 121	Foundations of Three-Dimensional Design	3.00
ART 126	Painting I	3.00
ART 132	Life Drawing I	3.00
ART 175	Sculpture	3.00
ART 200	Printmaking	3.00
ANTHRO 100	Introduction to Archaeology	3.00
ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
ARABIC 101	College Arabic I	5.00
ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
ENGL 150	Classical Mythology	3.00
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 170	The Film Experience	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00
FRENCH 101	College French I	5.00
FRENCH 102	College French II	5.00
FRENCH 103	College French III	5.00
FRENCH 104	College French IV	5.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00

HUM 140	Humanities Through the Arts	3.00
JAPN 101	College Japanese I	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
RELIG 113	Introduction to Eastern Religions	3.00
SPAN 101	College Spanish I	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00
SPAN 157	Spanish for Spanish Speakers I	5.00
SPAN 158	Spanish for Spanish Speakers II	5.00

Associate in Arts in Studio Arts for Transfer (AA-T) Degree

Major/Program Requirements

Required Courses:

ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
ART 120	Foundations of Two-Dimensional Design	3.00
ART 121	Foundations of Three-Dimensional Design	3.00
ART 124	Drawing I	3.00

Students must complete at least three (3) units from the following list:

ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 113	Survey of Asian Art	3.00

Students must complete at least nine (9) additional units from the following list:

ART 125	Drawing II	3.00
	OR	
ART 132	Life Drawing I	3.00
ART 126	Painting I	3.00
ART 175	Sculpture	3.00
ART 200	Printmaking	3.00

Art - Associate of Arts Degree

Major/Program Requirements

Required Courses:

ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
ART 120	Foundations of Two-Dimensional Design	3.00

ART 121	Foundations of Three-Dimensional Design	3.00
ART 124	Drawing I	3.00
ART 126	Painting I	3.00
ART 132	Life Drawing I	3.00

Students must complete at least six units from the following courses:

ART 105	History of Modern Art	3.00
ART 119	Digital Video Art	3.00
ART 125	Drawing II	3.00
ART 175	Sculpture	3.00
ART 200	Printmaking	3.00
ART 204	Contemporary Topics in American Art	1.00
ART 226	Painting II	3.00
ART 232	Life Drawing II	3.00
ART 247A	Special Projects in Art	1.00-3.00
ART 247B	Special Projects in Art	1.00-3.00
ART 247C	Special Projects in Art	1.00-3.00
ART 247D	Special Projects in Art	1.00-3.00
ART 275	Contemporary Sculpture Techniques	3.00
THART 176	Fundamentals of Stagecraft I	3.00
THART 179	Fundamentals of Stagecraft II	3.00

Computer Assisted Graphic Design Certificate (Art)

Major/Program Requirements

Required Courses:

ART 120	Foundations of Two-Dimensional Design	3.00
ART 124	Drawing I	3.00
CIS 163	Adobe Photoshop	3.00
CIS 165	Introduction to 3D Modeling and Animation	3.00
CIS 180	Computer Graphics with Adobe Illustrator	1.00-3.00
CIS 182	Desktop Publishing with Adobe Indesign	1.00-3.00

Recommended Courses:

CIS 166	Advanced 3D Modeling and Animation	3.00
CIS 184	Photoshop and Digital Photography	3.00

Biology (BIOL)

Associate in Science in Biology for Transfer (AS-T) Degree

Major/Program Requirements

Required Courses:

BIOL 130 or BIOL 130H	Cell and Molecular Biology	4.00
BIOL 131 or BIOL 131H	Populations and Organisms	4.00
CHEM 150 or CHEM 150H	General Chemistry I	5.00

CHEM 151 or CHEM 151H	General Chemistry II	5.00
MATH 250	Single Variable Calculus I AND	4.00

PHYSIC 110	General Physics I AND	4.00
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PHYSIC 111	General Physics II	4.00
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OR

PHYSIC 250	College Physics I AND	4.00
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PHYSIC 251	College Physics II	4.00
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Biology - Associate of Science Degree

Major/Program Requirements

Required Courses:

BIOL 130 or BIOL 130H	Cell and Molecular Biology	4.00
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BIOL 131 or BIOL 131H	Populations and Organisms	4.00
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CHEM 150 or CHEM 150H	General Chemistry I	5.00
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CHEM 151 or CHEM 151H	General Chemistry II	5.00
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PHYSIC 110	General Physics I	4.00
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PHYSIC 111	General Physics II	4.00
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PHYSIC 111: Students may substitute PHYSIC 250-251-252 in lieu of PHYSIC 110-111. See Counselor for details.

Students wishing to earn an A.S. with an emphasis in either Anatomy and Physiology or Microbiology must also complete:

Emphasis in Anatomy and Physiology:

ANAT 150	Human Anatomy and Physiology I	4.00
ANAT 151	Human Anatomy and Physiology II	4.00

Emphasis in Microbiology:

MICRO 150	Medical Microbiology	5.00
	OR	

MICRO 102	Introductory Microbiology	4.00
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MICRO 247A	Special Problems in Microbiology	2.00
	OR	

MICRO 248A	Special Problems in Microbiology	3.00
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Business Administration (BUSAD)

Associate in Science in Business Administration for Transfer (AS-T) Degree - 100% DE

Major/Program Requirements

Required Courses:

ACCT 208	Introduction to Financial Accounting	4.00
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ACCT 209	Introduction to Managerial Accounting	4.00
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BUSAD 210	Business Law	3.00
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ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
ECON 201 or ECON 201H	Principles of Microeconomics	3.00
MATH 110	Introduction to Probability and Statistics OR	4.00
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00

Students must complete at least six (6) units from the following courses:

BUSAD 100	Introduction to Business	3.00
BUSAD 230 or CIS 101	Using Computers for Business	3.00
BUSAD 145 or COMMST 145	Business Communication	4.00

Business Administration - Associate of Science Degree - 73% DE

Major/Program Requirements

Required Courses:

ACCT 208	Introduction to Financial Accounting	4.00
BUSAD 100	Introduction to Business	3.00
BUSAD 145 or COMMST 145	Business Communication	4.00
BUSAD 200	Business Management	3.00
BUSAD 210	Business Law	3.00
BUSAD 230 or CIS 101	Using Computers for Business	3.00
ECON 100	Introduction to Economics	3.00
MARKET 100	Marketing Principles	3.00

Administrative Assistant Certificate of Achievement

Major/Program Requirements

Required Courses:

CIS 091	Essential Technology Skills for College and Career Success	3.00
CIS 095	Employability Skills for Technical Careers	2.00
CIS 106	Spreadsheet Concepts and Application with Excel	3.00
BUSAD 145 or COMMST 145	Business Communication	4.00
BUSAD 230 or CIS 101	Using Computers for Business	3.00

Business Management Certificate of Achievement - 68% DE

Major/Program Requirements

Required Courses:

ACCT 208	Introduction to Financial Accounting	4.00
ACCT 209	Introduction to Managerial Accounting	4.00
BUSAD 100	Introduction to Business	3.00
BUSAD 145 or COMMST 145	Business Communication	4.00

BUSAD 155 or COMMST 155	Human Relations in the Workplace	3.00
COMMST 111 or COMMST 111H	Interpersonal Communication	3.00
COMMST 140	Small Group Communication	3.00
BUSAD 200	Business Management	3.00
BUSAD 210	Business Law	3.00
BUSAD 230 or CIS 101	Using Computers for Business	3.00
MARKET 100	Marketing Principles	3.00
MATH 110	Introduction to Probability and Statistics OR	4.00
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00
	AND	
ECON 100	Introduction to Economics	3.00
	OR	
ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
	OR	
ECON 201 or ECON 201H	Principles of Microeconomics	3.00

Job Readiness Skills Certificate

Degree Requirements

Required Courses

VOC/N 601	Blueprint for Workplace Success
VOC/N 602	Blueprint for Customer Service
VOC/N 603	30 Ways to Shine as a New Employee
	AND
VOC/N 608	Job Club

Retail Management Certificate of Achievement

Major/Program Requirements

Required Courses:

ACCT 208	Introduction to Financial Accounting	4.00
BUSAD 053	Business Computations	3.00
BUSAD 103	Human Resources Management	3.00
BUSAD 200	Business Management	3.00
BUSAD 145 or COMMST 145	Business Communication	4.00
BUSAD 155 or COMMST 155	Human Relations in the Workplace	3.00
BUSAD 230 or CIS 101	Using Computers for Business	3.00
MARKET 100	Marketing Principles	3.00
MARKET 106	Retail Management	3.00
COMMST 111 or COMMST 111H	Interpersonal Communication	3.00

Workforce Literacy Skills Certificate

Degree Requirements

Requirements List

VOC/N 601	Blueprint for Workplace Success
VOC/N 602	Blueprint for Customer Service
VOC/N 603	30 Ways to Shine as a New Employee
VOC/N 604	Workplace Computing
MATH/N 605	Math Skills for the Workplace
	AND
ESL/N 607	Workplace English as a Second Language
	OR
WRIT/N 606	Reading and Writing for Workplace Communication

Chemistry (CHEM)

Associate in Science in Chemistry for Transfer (AS-T) Degree

Major/Program Requirements

Required Courses:

CHEM 150 or CHEM 150H	General Chemistry I	5.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00
CHEM 212	Organic Chemistry I	4.00
CHEM 213	Organic Chemistry II	4.00
PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00

Chemistry - Associate of Science Degree

Major/Program Requirements

Required Courses:

CHEM 150 or CHEM 150H	General Chemistry I	5.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00
CHEM 212	Organic Chemistry I	4.00
CHEM 213	Organic Chemistry II	4.00

Recommended Courses:

These courses are typically prerequisites for third year chemistry majors. Students are encouraged to complete the recommended courses to prevent postponement of continued coursework in this major.

MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
PHYSIC 110	General Physics I	4.00
PHYSIC 111	General Physics II	4.00

Child Development (CD)

Associate in Science in Early Childhood Education for Transfer (AS-T) Degree

Major/Program Requirements

Required Courses:

CD 105	Child Growth and Development	3.00
CD 126	Child, Family and Community	3.00
CD 112	Principles and Practices in Early Childhood Education	3.00
CD 132	Introduction to Curriculum	3.00
CD 212	Observation and Methods in Early Child Development	3.00
CD 205	Child Development Practicum	4.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 182	Teaching in a Diverse Society	3.00

Associate in Arts in Elementary Teacher Education for Transfer (AA-T) Degree

Major/Program Requirements

Required Courses:

CD 105	Child Growth and Development	3.00
CD 295	Elementary Laboratory	3.00
EDU 290	Introduction to Education	3.00

Required General Education Courses:

ENGL 101 or ENGL 101H	Freshman Composition	4.00
COMMST 100 or COMMST 100H	Elements of Public Speaking	3.00
BIOL 100	General Biology	4.00
CHEM 101	Introduction to Chemistry	4.00
PHYSIC 100	Introduction to Physics	4.00
ENGL 152 or ENGL 152H	Intermediate Composition and Literature	4.00
HIST 100 or HIST 100H	History of the United States to 1877	3.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
GEOG 120	World Regional Geography	3.00
POLIT 100 or POLIT 100H	American Politics	3.00

Students must complete at least three (3) units from the following courses:

COMMST 125 or COMMST 125H	Critical Thinking through Argumentation and Debate	3.00
ENGL 102 or ENGL 102H	Intermediate Composition and Critical Thinking	4.00

Students must complete at least three (3) additional units from the following courses:

MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
THART 100 or THART 100H	Introduction to Theatre	3.00

Students must also complete the following seven (7) units:

GEOL 140	Earth Science	3.00
GEOL 141	Earth Science Laboratory	1.00
MATH 106	Mathematical Concepts for Elementary School Teachers - Number Systems	3.00

Child Development - Associate of Arts Degree**Major/Program Requirements****Required Courses:**

CD 105	Child Growth and Development	3.00
CD 112	Principles and Practices in Early Childhood Education	3.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 126	Child, Family and Community	3.00
CD 132	Introduction to Curriculum	3.00
CD 182	Teaching in a Diverse Society	3.00
CD 205	Child Development Practicum	4.00
CD 212	Observation and Methods in Early Child Development	3.00

Recommended Courses:

CD 100	Introduction to Child Development	3.00
CD 101	Family Interactions	3.00
CD 130	Music and Movement for Children	3.00
CD 131	Developmental Art for Children	3.00
CD 133	Creative Science and Math Activities for Children	3.00
CD 134	Language and Listening, Literacy and Literature for Children	3.00
CD 136	Creative Art Activities for Children	3.00
CD 137	Play and Materials in Early Learning	3.00
CD 185	Infant/Toddler Growth and Development	3.00
CD 186	Infant/Toddler Activities	3.00
CD 211	Observation and Methods in School-Age Development	3.00
CD 244	Children with Special Needs	3.00
CD 250	Child Guidance and Early Learning	3.00
CD 270	Mentor Teacher/Adult Supervision	2.00
CD 271	Administration: Management and Organization of Child Development Program	3.00
CD 272	Administration: Human Relations in Child Development Programs	3.00

Associate Teacher Certificate**Major/Program Requirements****Required Courses:**

CD 105	Child Growth and Development	3.00
CD 126	Child, Family and Community	3.00
CD 132	Introduction to Curriculum	3.00
CD 205	Child Development Practicum	4.00
CD 212	Observation and Methods in Early Child Development	3.00

Master Teacher Certificate**Major/Program Requirements****Required Courses:**

CD 105	Child Growth and Development	3.00
CD 112	Principles and Practices in Early Childhood Education	3.00
CD 126	Child, Family and Community	3.00
CD 132	Introduction to Curriculum	3.00
CD 205	Child Development Practicum	4.00
CD 270	Mentor Teacher/Adult Supervision	2.00

Students must complete at least six (6) units from one of the following areas of specialization:**Music Specialization**

CD 130	Music and Movement for Children	3.00
MUSIC 100	Fundamental Skills in Music	3.00

Art Specialization

CD 131	Developmental Art for Children	3.00
CD 136	Creative Art Activities for Children	3.00

Language and Literacy Specialization

CD 134	Language and Listening, Literacy and Literature for Children	3.00
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ENGL 155 or ENGL 155H	Children's Literature	3.00
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Infant/Toddler Specialization

CD 185	Infant/Toddler Growth and Development	3.00
CD 186	Infant/Toddler Activities	3.00

Special Needs Specialization

CD 244	Children with Special Needs	3.00
ASL 101	American Sign Language I	4.00

Students must complete at least twelve (12) additional units not included in their selected specialization from the following courses:

CD 100	Introduction to Child Development	3.00
CD 101	Family Interactions	3.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 130	Music and Movement for Children	3.00
CD 131	Developmental Art for Children	3.00
CD 133	Creative Science and Math Activities for Children	3.00
CD 134	Language and Listening, Literacy and Literature for Children	3.00
CD 136	Creative Art Activities for Children	3.00
CD 137	Play and Materials in Early Learning	3.00
CD 182	Teaching in a Diverse Society	3.00
CD 185	Infant/Toddler Growth and Development	3.00
CD 186	Infant/Toddler Activities	3.00
CD 212	Observation and Methods in Early Child Development	3.00
CD 244	Children with Special Needs	3.00

Site Supervisor Certificate

Major/Program Requirements

Required Courses:

CD 105	Child Growth and Development	3.00
CD 112	Principles and Practices in Early Childhood Education	3.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 126	Child, Family and Community	3.00
CD 132	Introduction to Curriculum	3.00
CD 182	Teaching in a Diverse Society	3.00
CD 205	Child Development Practicum	4.00
CD 212	Observation and Methods in Early Child Development	3.00
CD 250	Child Guidance and Early Learning	3.00
CD 270	Mentor Teacher/Adult Supervision	2.00
CD 271	Administration: Management and Organization of Child Development Program	3.00
CD 272	Administration: Human Relations in Child Development Programs	3.00

Teacher Certificate

Major/Program Requirements

Required Courses:

CD 105	Child Growth and Development	3.00
CD 112	Principles and Practices in Early Childhood Education	3.00
CD 115	Health, Welfare and Nutrition for Children	3.00
CD 126	Child, Family and Community	3.00
CD 132	Introduction to Curriculum	3.00
CD 182	Teaching in a Diverse Society	3.00
CD 205	Child Development Practicum	4.00
CD 212	Observation and Methods in Early Child Development	3.00
	AND	
CD 250	Child Guidance and Early Learning	3.00

Communication Studies (COMMST).

Associate in Arts in Communication Studies for Transfer (AA-T) Degree - 67% DE

Major/Program Requirements

Required Courses:

COMMST 100 or COMMST 100H	Elements of Public Speaking	3.00
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Students must complete at least six (6) units from the following courses:

COMMST 111 or COMMST 111H	Interpersonal Communication	3.00
COMMST 125 or COMMST 125H	Critical Thinking through Argumentation and Debate	3.00
COMMST 140	Small Group Communication	3.00

Students must complete at least six (6) additional units from the following courses:

COMMST 111 or COMMST 111H	Interpersonal Communication	3.00
COMMST 120 or COMMST 120H	Oral Interpretation of Literature	3.00
COMMST 125 or COMMST 125H	Critical Thinking through Argumentation and Debate	3.00
COMMST 135 or JOUR 135	Mass Communication in Society	3.00
COMMST 140	Small Group Communication	3.00
COMMST 174	Communication in a Diverse World	3.00

Students must complete at least three (3) additional units from the following courses:

ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
COMMST 120 or COMMST 120H	Oral Interpretation of Literature	3.00
COMMST 135 or JOUR 135	Mass Communication in Society	3.00
COMMST 174	Communication in a Diverse World	3.00
ENGL 120 or JOUR 120	Fundamentals of News Writing	3.00
PSYCH 100 or PSYCH 100H	General Psychology	3.00
SOC 100 or SOC 100H	Introduction to Sociology	3.00

Communication - Associate of Arts Degree - 89% DE

Major/Program Requirements

Required Courses:

COMMST 100 or COMMST 100H	Elements of Public Speaking	3.00
COMMST 111 or COMMST 111H	Interpersonal Communication	3.00

AND

COMMST 125 or COMMST 125H	Critical Thinking through Argumentation and Debate	3.00
	OR	
COMMST 140	Small Group Communication	3.00

Students must complete at least nine (9) additional units from the following courses:

COMMST 101	Advanced Public Speaking	3.00
COMMST 110 or THART 110	Voice and Diction	3.00
COMMST 120 or COMMST 120H	Oral Interpretation of Literature	3.00
COMMST 125 or COMMST 125H	Critical Thinking through Argumentation and Debate	3.00
COMMST 135 or JOUR 135	Mass Communication in Society	3.00
COMMST 145 or BUSAD 145	Business Communication	4.00
COMMST 155 or BUSAD 155	Human Relations in the Workplace	3.00

COMMST 140	Small Group Communication	3.00
COMMST 174	Communication in a Diverse World	3.00
COMMST 246A	Special Studies in Communication	1.00
COMMST 246B	Special Studies in Communication	1.00
COMMST 246C	Special Studies in Communication	1.00
COMMST 246D	Special Studies in Communication	1.00
COMMST 247A	Special Studies in Communication	2.00
COMMST 247B	Special Studies in Communication	2.00
COMMST 247C	Special Studies in Communication	2.00
COMMST 248A	Special Studies in Communication	3.00
COMMST 248B	Special Studies in Communication	3.00
ENGL 120 or JOUR 120	Fundamentals of News Writing	3.00
ENGL 170	The Film Experience	3.00
MARKET 110	Advertising	3.00
SOC 130	Marriage, Family and Intimate Relationships	3.00

CIS 125	Introduction to C#.net Programming	3.00
CIS 190D	Software Development Internship	1.00-3.00
MATH 102	College Algebra	4.00

Emphasis in Web Design:

Students must complete at least twelve (12) additional units from the following courses:

CIS 111	Web Page Programming and Design	3.00
CIS 117	Scripting	3.00
CIS 161	Website Design and Programming Using Dreamweaver	3.00
CIS 162	Introduction to Flash	3.00
CIS 163	Adobe Photoshop	3.00
	OR	
CIS 180	Computer Graphics with Adobe Illustrator	1.00-3.00
CIS 190A	Web Master Internship	3.00
CIS 211	Cascading Style Sheet (CSS) Web Design	3.00

Emphasis in Computer Assisted Graphic Design:

Students must complete at least twelve (12) additional units from the following courses:

CIS 162	Introduction to Flash	3.00
CIS 163	Adobe Photoshop	3.00
CIS 165	Introduction to 3D Modeling and Animation	3.00
CIS 166	Advanced 3D Modeling and Animation	3.00
CIS 180	Computer Graphics with Adobe Illustrator	1.00-3.00
CIS 182	Desktop Publishing with Adobe Indesign	1.00-3.00
CIS 184	Photoshop and Digital Photography	3.00
CIS 190E	Digital Media Design Internship	1.00-3.00
ART 120	Foundations of Two-Dimensional Design	3.00

Emphasis in Systems and Network Administration:

Students must complete at least twelve (12) additional units from the following courses:

CIS 109	Operating Systems and Environments	3.00
CIS 132	Systems and Network Administration	3.00
CIS 134	Introduction to Information Systems Security	3.00
CIS 141	Basic Routing and Switching (Cisco CCNA 2)	4.00
CIS 142	Advanced Routing and Switching (CISCO CCNA 3)	4.00

Cisco Certified Network Associate Certificate - 100% DE

Major/Program Requirements

Required Courses:

CIS 140	Introduction to Networks (Cisco CCNA 1)	4.00
CIS 141	Basic Routing and Switching (Cisco CCNA 2)	4.00

Computer Information Systems (CIS)

Computer Information Systems - Associate of Science Degree - 59% DE

Major/Program Requirements

Required Courses:

CIS 095	Employability Skills for Technical Careers	2.00
CIS 101 or BUSAD 230	Introduction to Computer and Information Technology	3.00
CIS 130	Hardware and Information Technology	3.00
CIS 140	Introduction to Networks (Cisco CCNA 1)	4.00

One of the following courses:

CIS 104	Object Oriented Programming with Visual Basic	3.00
CIS 111	Web Page Programming and Design	3.00
CIS 113	Java Programming	3.00
CIS 114	C++ Programming I	3.00
CSCI 110	Introduction to Computer Science I	3.00

Students must select ONE area of emphasis from the following three options:

Emphasis in Programming:

Students must complete at least twelve (12) additional units from the following courses:

CIS 104	Object Oriented Programming with Visual Basic	3.00
CIS 105	Database Concepts and Design	3.00
CIS 113	Java Programming	3.00
CIS 114	C++ Programming I	3.00
	OR	
CSCI 110	Introduction to Computer Science I	3.00
CIS 116	C++ Programming II	3.00
	OR	
CSCI 120	Introduction to Computer Science II	3.00
CIS 117	Scripting	3.00
CIS 121	Android Application Development	3.00

CIS 142	Advanced Routing and Switching (CISCO CCNA 3)	4.00
CIS 143	WAN Technologies and Network Services (CISCO CCNA 4)	4.00

CIS 141	Basic Routing and Switching (Cisco CCNA 2)	4.00
CIS 161	Website Design and Programming Using Dreamweaver	3.00
CIS 163	Adobe Photoshop	3.00
CIS 211	Cascading Style Sheet (CSS) Web Design	3.00

Computer Assisted Graphic Design Certificate (CIS)

Major/Program Requirements

Required Courses:

ART 120	Foundations of Two-Dimensional Design	3.00
ART 124	Drawing I	3.00
CIS 163	Adobe Photoshop	3.00
CIS 165	Introduction to 3D Modeling and Animation	3.00
CIS 180	Computer Graphics with Adobe Illustrator	1.00- 3.00
CIS 182	Desktop Publishing with Adobe Indesign	1.00- 3.00

Recommended Courses:

CIS 166	Advanced 3D Modeling and Animation	3.00
CIS 184	Photoshop and Digital Photography	3.00

Computer Information Systems Certificate - 79% DE

Major/Program Requirements

Required Courses:

CIS 101 or BUSAD 230	Introduction to Computer and Information Technology	3.00
CIS 104	Object Oriented Programming with Visual Basic	3.00
	OR	
CIS 113	Java Programming	3.00
	OR	
CIS 114	C++ Programming I	3.00
	OR	
CSCI 110	Introduction to Computer Science I	3.00
CIS 111	Web Page Programming and Design	3.00
CIS 130	Hardware and Information Technology	3.00
CIS 140	Introduction to Networks (Cisco CCNA 1)	4.00

Students must complete at least twelve (12) additional units from the following courses:

CIS 104	Object Oriented Programming with Visual Basic	3.00
CIS 113	Java Programming	3.00
CIS 114	C++ Programming I	3.00
	OR	
CSCI 110	Introduction to Computer Science I	3.00
CIS 116	C++ Programming II	3.00
	OR	
CSCI 120	Introduction to Computer Science II	3.00

IT Technician Certificate

Major/Program Requirements

Required Courses:

CIS 109	Operating Systems and Environments	3.00
CIS 132	Systems and Network Administration	3.00
CIS 134	Introduction to Information Systems Security	3.00
CIS 140	Introduction to Networks (Cisco CCNA 1)	4.00

Programming Certificate

Major/Program Requirements

Required Courses:

CIS 114	C++ Programming I	3.00
	OR	
CSCI 110	Introduction to Computer Science I	3.00
CIS 116	C++ Programming II	3.00
	OR	
CSCI 120	Introduction to Computer Science II	3.00

Students must complete at least nine (9) additional units from the following courses:

CIS 095	Employability Skills for Technical Careers	2.00
CIS 104	Object Oriented Programming with Visual Basic	3.00
CIS 105	Database Concepts and Design	3.00
CIS 111	Web Page Programming and Design	3.00
CIS 113	Java Programming	3.00
CIS 117	Scripting	3.00
CIS 121	Android Application Development	3.00
CIS 125	Introduction to C#.net Programming	3.00
CIS 190D	Software Development Internship	1.00- 3.00
MATH 102	College Algebra	4.00

Web Design Certificate - 60% DE

Major/Program Requirements

Required Courses:

CIS 111	Web Page Programming and Design	3.00
CIS 161	Website Design and Programming Using Dreamweaver	3.00
CIS 162	Introduction to Flash	3.00
CIS 163	Adobe Photoshop	3.00
CIS 211	Cascading Style Sheet (CSS) Web Design	3.00

Recommended Courses:

CIS 180	Computer Graphics with Adobe Illustrator	1.00- 3.00
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Computer Science (CSCI)

Associate in Science in Computer Science for Transfer (AS-T) Degree

Major/Program Requirements

Required Courses:

CSCI 110	Introduction to Computer Science I	3.00
CSCI 120	Introduction to Computer Science II	3.00
CSCI 200 or MATH 200	Discrete Structures	4.00
CSCI 240	Computer Organization and Assembly Language Programming	3.00
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00

Computer Science-Associate of Science - 60% DE

Major/Program Requirements

Required Courses:

CSCI 110	Introduction to Computer Science I	3.00
CSCI 120	Introduction to Computer Science II	3.00
CSCI 200 or MATH 200	Discrete Structures	4.00
CSCI 230	Introduction to Data Structures and Algorithms	3.00
CSCI 240	Computer Organization and Assembly Language Programming	3.00
MATH 250	Single Variable Calculus I	4.00

Emergency Medical Services (EMS)

Emergency Medical Services - Associate of Science Degree

Major/Program Requirements

Required Courses:

EMS 150	Patient Assessment for Paramedics	3.00
EMS 151	Introduction to EMS for Paramedics	2.00
EMS 152	Cardiology for the Paramedic	4.50
EMS 153	Pharmacology for the EMT-Paramedic	3.00
EMS 154	Emergency Medical Services Theory for the Paramedic	8.00
EMS 155	Skills Development for Paramedics	3.00
EMS 156	Clinical Externship for the Paramedic	3.50
EMS 157	Field Externship for the Paramedic	12.00

Emergency Medical Technician - I Certificate

Major/Program Requirements

Required Courses:

EMS 020	Emergency Medical Technician	6.00
EMS 021	Preventing Disease Transmission for Emergency Medical Technician	.50
EMS 022	Basic Life Support for Emergency Medical Technician-EMT	.50
EMS 023	Hazardous Materials First Responder Awareness for Emergency Medical Technician-I/EMT-Basic	.50

Emergency Medical Technician – Paramedic Certificate

Entrance Requirements:

Major/Program Requirements

Required Courses:

EMS 150	Patient Assessment for Paramedics	3.00
EMS 151	Introduction to EMS for Paramedics	2.00
EMS 152	Cardiology for the Paramedic	4.50
EMS 153	Pharmacology for the EMT-Paramedic	3.00
EMS 154	Emergency Medical Services Theory for the Paramedic	8.00
EMS 155	Skills Development for Paramedics	3.00
EMS 156	Clinical Externship for the Paramedic	3.50
EMS 157	Field Externship for the Paramedic	12.00

Mobile Intensive Care Nurse Certificate

Major/Program Requirements

Required Courses:

EMS 103	Mobile Intensive Care Nurse	2.5
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Economics (ECON)

Associate in Arts in Economics for Transfer (AA-T) Degree - 80% DE

Major/Program Requirements

Required Courses:

ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
ECON 201 or ECON 201H	Principles of Microeconomics	3.00
MATH 110	Introduction to Probability and Statistics OR	4.00
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00
MATH 250	Single Variable Calculus I OR	4.00
MATH 141	Calculus for Business	4.00

Students must complete at least three (3) additional units from the following courses:

MATH 102	College Algebra	4.00
MATH 160	Precalculus	4.00
MATH 251	Single Variable Calculus II	4.00
ACCT 208	Introduction to Financial Accounting	4.00
ACCT 209	Introduction to Managerial Accounting	4.00
CIS 101 or BUSAD 230	Introduction to Computer and Information Technology	3.00
BUSAD 145 or COMMST 145	Business Communication	4.00

Students must complete at least an additional three (3) units from the following courses:

MATH 102	College Algebra	4.00
MATH 160	Precalculus	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00
MATH 265	Linear Algebra	4.00
ACCT 208	Introduction to Financial Accounting	4.00
ACCT 209	Introduction to Managerial Accounting	4.00
CIS 101 or BUSAD 230	Introduction to Computer and Information Technology	3.00
BUSAD 145 or COMMST 145	Business Communication	4.00

English (ENGL)

Associate in Arts in English for Transfer (AA-T) Degree

Major/Program Requirements

Required Courses:

ENGL 102 or ENGL 102H	Intermediate Composition and Critical Thinking	4.00
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Students must complete at least six (6) units from the following courses:

ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00

Students must complete at least six (6) additional units from the following courses:

ENGL 152 or ENGL 152H	Intermediate Composition and Literature	4.00
ENGL 232	Creative Writing	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00

Students must complete at least three (3) additional units from the following courses:

ENGL 108 or THART 108	World Drama I	3.00
ENGL 109 or THART 109	World Drama II	3.00
ENGL 120 or JOUR 120	Fundamentals of News Writing	3.00
ENGL 127	Introductory Literary Magazine Production: The Sand Canyon Review	3.00
ENGL 150	Classical Mythology	3.00
ENGL 152 or ENGL 152H	Intermediate Composition and Literature	4.00
ENGL 155 or ENGL 155H	Children's Literature	3.00
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 170	The Film Experience	3.00
ENGL 175 or RELIG 175	Literature and Religion of the Bible	3.00
ENGL 226 or THART 226	Play and Screenplay Analysis	3.00
ENGL 232	Creative Writing	3.00
ENGL 250	Fiction	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 275	Shakespeare	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00
ARABIC 101	College Arabic I	5.00
ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
COMMST 120 or COMMST 120H	Oral Interpretation of Literature	3.00
COMMST 145 or BUSAD 145	Business Communication	4.00
FRENCH 101	College French I	5.00
FRENCH 102	College French II	5.00
FRENCH 103	College French III	5.00
FRENCH 104	College French IV	5.00
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
JAPN 101	College Japanese I	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
RUS 101	College Russian I	5.00
RUS 102	College Russian II	5.00
SPAN 101	College Spanish I	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00

SPAN 104	College Spanish IV	5.00
THART 100 or THART 100H	Introduction to Theatre	3.00

Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring (IGETC or CSUGE Breadth). See a counselor for details. Information is also available at www.assist.org.

English - Associate of Arts Degree

Please click here for a PDF version of the associated major sheet.

Major/Program Requirements

Required Courses:

ENGL 101 or ENGL 101H	Freshman Composition	4.00
ENGL 102 or ENGL 102H	Intermediate Composition and Critical Thinking	4.00
ENGL 152 or ENGL 152H	Intermediate Composition and Literature	4.00

Student must complete at least six (6) units from the following courses:

ENGL 270 and ENGL 271: Recommended for students planning on transferring to California State University, San Bernardino

ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00

Student must complete at least six (6) additional units from the following courses:

ENGL 150	Classical Mythology	3.00
ENGL 155 or ENGL 155H	Children's Literature	3.00
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 170	The Film Experience	3.00
ENGL 175 or RELIG 175	Literature and Religion of the Bible	3.00
ENGL 232	Creative Writing	3.00
ENGL 250	Fiction	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 275	Shakespeare	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00

Fire Technology (FIRET)

Fire Technology - Associate of Science Degree

Major/Program Requirements

Required Courses:

FIRET 100	Fire Protection Organization	3.00
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FIRET 101	Fire Prevention Technology	3.00
FIRET 102	Fire Behavior and Combustion	3.00
FIRET 103	Fire Protection Systems	3.00
FIRET 114	Principles of Fire and Emergency Services Safety and Survival	3.00
FIRET 116	Building Construction for Fire Protection	3.00

A minimum of 5.50 units are to be selected from the following courses:

FIRET 040A	Fire Inspector 1A - Duties & Administration	2.00
FIRET 040B	Fire Inspector 1B: Fire and Life Safety	2.00
FIRET 040C	Fire Inspector 1C: Field Inspection	1.50
FIRET 040D	Fire Inspector 1D: Field Inspection - California Specific	1.00
FIRET 041A	Fire Inspector 2A - Fire Prevention Administration	1.00
FIRET 041B	Fire Inspector 2B - Fire and Life Safety Requirements	1.50
FIRET 041C	Fire Inspector 2C - Inspecting New and Existing Fire & Life Safety Systems and Equipment	1.00
FIRET 041D	Fire Inspector 2D - Hazardous Materials, Operations, and Processes	2.00
FIRET 084	Fire Management 1	2.50
FIRET 085A	Company Officer 2A - Human Resource Management	2.50
FIRET 085B	Company Officer 2B - General Administrative Functions	1.50
FIRET 085C	Company Officer 2C - Fire Inspections and Investigations	2.50
FIRET 085D	Company Officer 2D - All Risk Operations	1.50
FIRET 085E	Company Officer 2E - Wildland Incident Operations	2.00
FIRET 086A	Chief Officer 3A: Human Resource Management	2.00
FIRET 086B	Chief Officer 3B: Budget and Fiscal Responsibilities	1.50
FIRET 086C	Chief Fire Officer 3C: General Administrative Functions	1.50
FIRET 086D	Chief Officer 3D: Emergency Services Delivery Responsibilities	1.50
FIRET 087	Fire Investigation 1A	2.50
FIRET 088	Fire Investigation 1B	2.50
FIRET 088	Fire Investigation 1B	2.50
FIRET 104	Fire Apparatus and Equipment	3.00
FIRET 106	Fire Protection Hydraulics and Water Supply	3.00
FIRET 111	Public Education Officer	2.50
FIRET 112	Fire Control Fire Aircraft Rescue and Firefighting	2.50
FIRET 113	Fire Service Career Preparation	3.00
FIRET 118	Wildland Fire Control	3.00
FIRET 183	Aircraft Accidents	2.50

California Fire Officer Training Certificate

Major/Program Requirements

Required Courses:

FIRET 040A	Fire Inspector 1A - Duties & Administration	2.00
FIRET 040B	Fire Inspector 1B: Fire and Life Safety	2.00
FIRET 040C	Fire Inspector 1C: Field Inspection	1.50
FIRET 040D	Fire Inspector 1D: Field Inspection - California Specific	1.00
FIRET 041A	Fire Inspector 2A - Fire Prevention Administration	1.00
FIRET 041B	Fire Inspector 2B - Fire and Life Safety Requirements	1.50
FIRET 041C	Fire Inspector 2C - Inspecting New and Existing Fire & Life Safety Systems and Equipment	1.00
FIRET 041D	Fire Inspector 2D - Hazardous Materials, Operations, and Processes	2.00
FIRET 080	Fire Instructor 1A	2.5
FIRET 081	Fire Instructor 1B	2.5
FIRET 084	Fire Management 1	2.50
FIRET 085A	Company Officer 2A - Human Resource Management	2.50
FIRET 085B	Company Officer 2B - General Administrative Functions	1.50
FIRET 085C	Company Officer 2C - Fire Inspections and Investigations	2.50
FIRET 085D	Company Officer 2D - All Risk Operations	1.50
FIRET 085E	Company Officer 2E - Wildland Incident Operations	2.00
FIRET 086A	Chief Officer 3A: Human Resource Management	2.00
FIRET 086B	Chief Officer 3B: Budget and Fiscal Responsibilities	1.50
FIRET 086C	Chief Fire Officer 3C: General Administrative Functions	1.50
FIRET 086D	Chief Officer 3D: Emergency Services Delivery Responsibilities	1.50
FIRET 087	Fire Investigation 1A	2.50

Firefighter I Basic Training Academy Certificate

Major/Program Requirements

Prerequisites:

FIRET 100	Fire Protection Organization	3.00
FIRET 101	Fire Prevention Technology	3.00

Required Courses:

FIRET 049 or KIN/F 049	Basic Firefighter Physical Fitness	2.00
FIRET 115	Firefighter I Basic Training Academy	14.00

Recommended Courses:

ENGL 101 or ENGL 101H	Freshman Composition	4.00
FIRET 902	Firefighter Physical Agility Preparation	3.00
MATH 090	Elementary Algebra	4.00

Fire Inspection Academy Certificate

Major/Program Requirements

Required Course:

Completion of the following 11.00 units with a grade of "C" or higher qualifies the student to apply for the Fire Inspection Academy Certificate.

FIRET 078	Fire Inspection Academy	11.00
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Recommended Courses:

FIRET 100	Fire Protection Organization	3.00
FIRET 101	Fire Prevention Technology	3.00

Geography (GEOG).

Associate in Arts in Geography for Transfer (AA-T) Degree.

Major/Program Requirements

Required Courses:

GEOG 102 or GEOG 102H	Cultural Geography	3.00
GEOG 110 or GEOG 110H	Physical Geography	3.00
GEOG 111 or GEOG 111H	Physical Geography Laboratory	1.00

Students must complete at least six (6) units from the following courses:

Required Courses, List A

GEOG 114	Investigations in Weather and Climate	4.00
	OR	
GEOG 115	Elements of Weather and Climate	3.00
GEOG 120	World Regional Geography	3.00
GEOG 126	Geography of California	3.00

Students must complete six (6) additional units from the following courses:

Required Courses, List B

GEOL 100 or GEOL 100H	Physical Geology	4.00
	OR	
GEOL 101 or GEOL 101H	Introduction to Geology	3.00
	AND	
GEOL 160	Geology Laboratory	1.00
GEOG 175	Introduction to Information Mapping	3.00
ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
GEOG 114	Investigations in Weather and Climate	4.00
GEOG 115	Elements of Weather and Climate	3.00
GEOG 120	World Regional Geography	3.00
GEOG 126	Geography of California	3.00

Geography - Associate of Science Degree

Major/Program Requirements

Required Courses:

GEOG 102 or GEOG 102H	Cultural Geography	3.00
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GEOG 110 or GEOG 110H	Physical Geography	3.00
GEOG 111 or GEOG 111H	Physical Geography Laboratory	1.00
GEOG 100 or GEOG 100H	Physical Geology	4.00
	OR	
GEOG 101 or GEOG 101H	Introduction to Geology	3.00
	AND	
GEOG 160	Geology Laboratory	1.00
GEOG 175	Introduction to Information Mapping	3.00
Students must complete at least eight (8) units from the following courses:		
GEOG 120	World Regional Geography	3.00
GEOG 126	Geography of California	3.00
ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
ANTHRO 106 or ANTHRO 106H	Biological Anthropology	3.00
CHEM 101	Introduction to Chemistry	4.00
	OR	
CHEM 150 or CHEM 150H	General Chemistry I	5.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00
GEOG 170	Geologic History of the Great Basin	1.00
GEOG 175	Geology of the Eastern Mojave Desert	1.00
GEOG 177	Geology of the High Desert and Western Mojave Desert Region	1.00
GEOG 180	Geology of Joshua Tree National Park	1.00
GEOG 181	Geology of the Anza Borrego Region	1.00
GEOG 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOG 250	Geology of California	3.00
GEOG 270	Geology of the Eastern Sierra Nevada	1.00
MATH 103	Plane Trigonometry	4.00
POLIT 102	California Politics and Culture	3.00

Geology (GEOL)

Associate in Science in Geology for Transfer (AS-T) Degree

Major/Program Requirements

Required Courses:

GEOG 100 or GEOG 100H	Physical Geology	4.00
	OR	
GEOG 101 or GEOG 101H	Introduction to Geology	3.00
	AND	
GEOG 160	Geology Laboratory	1.00

GEOL 112	Historical Geology	4.00
GEOL 150 or GEOL 150H	Contemporary Geology: Hazards, Resources and Environmental Concerns	3.00
CHEM 150 or CHEM 150H	General Chemistry I	5.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00

Recommended Courses

BIOL 100	General Biology	4.00
MATH 252	Multivariable Calculus	5.00
PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00

Geology - Associate of Science Degree

Please click [here](#) for a PDF version of the associated major sheet.

Major/Program Requirements

Required Courses:

GEOL 100 or GEOL 100H	Physical Geology	4.00
	OR	
GEOL 101 or GEOL 101H	Introduction to Geology	3.00
	AND	
GEOL 160	Geology Laboratory	1.00
GEOL 112	Historical Geology	4.00
CHEM 150 or CHEM 150H	General Chemistry I	5.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
PHYSIC 250	College Physics I	4.00

Students must complete at least two (2) units from the following courses:

GEOL 170	Geologic History of the Great Basin	1.00
GEOL 175	Geology of the Eastern Mojave Desert	1.00
GEOL 177	Geology of the High Desert and Western Mojave Desert Region	1.00
GEOL 180	Geology of Joshua Tree National Park	1.00
GEOL 181	Geology of the Anza Borrego Region	1.00
GEOL 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOL 270	Geology of the Eastern Sierra Nevada	1.00

Recommended Courses:

PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00
GEOL 170	Geologic History of the Great Basin	1.00
GEOL 175	Geology of the Eastern Mojave Desert	1.00
GEOL 180	Geology of Joshua Tree National Park	1.00
GEOL 181	Geology of the Anza Borrego Region	1.00

GEOL 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOL 250	Geology of California	3.00
GEOL 251	Geology of National Parks and Monuments	3.00
GEOL 270	Geology of the Eastern Sierra Nevada	1.00
GEOG 175	Introduction to Information Mapping	3.00
OCEAN 101 or OCEAN 101H	Elements of Oceanography	3.00

RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
RELIG 110 or ANTHRO 110	Tribal and Ethnic Religions	3.00
RUS 101	College Russian I	5.00
RUS 102	College Russian II	5.00
SOC 141	Minority Relations	3.00
SPAN 101	College Spanish I	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00

History (HIST)

Associate in Arts in History for Transfer (AA-T) Degree - 67% DE

Major/Program Requirements

Required Courses:

HIST 100 or HIST 100H	History of the United States to 1877	3.00
HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00

Students must complete at least three (3) units from the following courses:

ANTHRO 107 or HIST 107	The United States and the North American Indians	3.00
ARABIC 101	College Arabic I	5.00
ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
ASL 101	American Sign Language I	4.00
ASL 102	American Sign Language II	4.00
ASL 103	American Sign Language III	4.00
ASL 104	American Sign Language IV	4.00
COMMST 174	Communication in a Diverse World	3.00
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00
FRENCH 101	College French I	5.00
FRENCH 102	College French II	5.00
FRENCH 103	College French III	5.00
FRENCH 104	College French IV	5.00
JAPN 101	College Japanese I	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
ASL 115	The American Deaf Experience: Introduction to Deaf Studies	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00

Students must complete at least three (3) additional units from the following courses:

ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
ANTHRO 107 or HIST 107	The United States and the North American Indians	3.00
ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
COMMST 135 or JOUR 135	Mass Communication in Society	3.00
HIST 135 or RELIG 135	Religion in America	3.00
HIST 145	California History	3.00
ECON 100	Introduction to Economics	3.00
ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
ECON 201 or ECON 201H	Principles of Microeconomics	3.00
GEOG 120	World Regional Geography	3.00
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
HUM 140	Humanities Through the Arts	3.00
MUSIC 103 or MUSIC 103H	Appreciation of American Popular Music	3.00
MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
MUSIC 134	Jazz History	3.00
PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
POLIT 100 or POLIT 100H	American Politics	3.00
POLIT 102	California Politics and Culture	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00
PSYCH 100 or PSYCH 100H	General Psychology	3.00
RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00

RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
SOC 100 or SOC 100H	Introduction to Sociology	3.00

History - Associate of Arts Degree - 67% DE

Major/Program Requirements

Required Courses:

HIST 100 or HIST 100H	History of the United States to 1877	3.00
HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00

Students must complete at least six (6) units from the following courses:

ANTHRO 107 or HIST 107	The United States and the North American Indians	3.00
HIST 135 or RELIG 135	Religion in America	3.00
HIST 145	California History	3.00
ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
ECON 100	Introduction to Economics	3.00
ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
ECON 201 or ECON 201H	Principles of Microeconomics	3.00
ENGL 108 or THART 108	World Drama I	3.00
ENGL 109 or THART 109	World Drama II	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00
GEOG 102 or GEOG 102H	Cultural Geography	3.00
GEOG 120	World Regional Geography	3.00
GEOG 126	Geography of California	3.00
MUSIC 103 or MUSIC 103H	Appreciation of American Popular Music	3.00
MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
MUSIC 134	Jazz History	3.00
PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00

POLIT 100 or POLIT 100H	American Politics	3.00
POLIT 102	California Politics and Culture	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00
RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 176	Jesus and His Interpreters	3.00
SOC 100 or SOC 100H	Introduction to Sociology	3.00
SOC 141	Minority Relations	3.00

Japanese (JAPN)

Japanese - Associate of Arts Degree

Major/Program Requirements

Required Courses:

JAPN 101	College Japanese I	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00

Kinesiology

Associate in Arts in Kinesiology for Transfer (AA-T) Degree.

Major/Program Requirements

Required Courses:

KIN 200	Introduction to Kinesiology	3.00
ANAT 150	Human Anatomy and Physiology I	4.00
ANAT 151	Human Anatomy and Physiology II	4.00

Students must complete one (1) unit from at least three (3) of the following movement-based course areas:

Aquatics

KIN/S 164A	Swimming I	0.50-1.00
KIN/S 164B	Swimming II	0.50-1.00
KIN/S 164C	Swimming III	0.50-1.00
KIN/S 164D	Swimming IV	0.50-1.00
KIN/F 173A	Water Aerobics and Deep Water Exercise I	0.50-1.00
KIN/F 173B	Water Aerobics and Deep Water Exercise II	0.50-1.00
KIN/F 173C	Water Aerobics and Deep Water Exercise III	0.50-1.00

KIN/F 173D	Water Aerobics and Deep Water Exercise IV	0.50-1.00	KIN/F 108B	Resistance and Weight Training II	0.50-1.00
Combatives			KIN/F 108C	Resistance and Weight Training III	0.50-1.00
KIN/S 159A	Karate I	0.50-1.00	KIN/F 108D	Resistance and Weight Training IV	0.50-1.00
KIN/S 159B	Karate II	0.50-1.00	KIN/F 127A	Walking for Fitness I	0.50-1.00
KIN/S 159C	Karate III	0.50-1.00	KIN/F 127B	Walking for Fitness II	0.50-1.00
KIN/S 159D	Karate IV	0.50-1.00	KIN/F 127C	Walking for Fitness III	0.50-1.00
Team Sports			KIN/F 127D	Walking for Fitness IV	0.50-1.00
KIN/S 116A	Soccer I	0.50-1.00	KIN/F 168A	Yoga I	0.50-1.00
KIN/S 116B	Soccer II	0.50-1.00	KIN/F 168B	Yoga II	0.50-1.00
KIN/S 116C	Soccer III	0.50-1.00	KIN/F 168C	Yoga III	0.50-1.00
KIN/S 116D	Soccer IV	0.50-1.00	KIN/F 168D	Yoga IV	0.50-1.00
KIN/S 193A	Softball I	0.50-1.00	KIN/F 190A	Tai Chi I	0.50-1.00
KIN/S 193B	Softball II	0.50-1.00	KIN/F 190B	Tai Chi II	0.50-1.00
KIN/S 193C	Softball III	0.50-1.00	KIN/F 190C	Tai Chi III	0.50-1.00
KIN/S 193D	Softball IV	0.50-1.00	KIN/F 190D	Tai Chi IV	0.50-1.00
Individual Sports			Dance		
KIN/S 120A	Golf I	0.50-1.00	KIN/D 163A or DANCE 163A	Ballroom/Swing/Salsa I	0.50-1.00
KIN/S 120B	Golf II	0.50-1.00	KIN/D 163B or DANCE 163B	Ballroom/Swing/Salsa II	0.50-1.00
KIN/S 120C	Golf III	0.50-1.00	KIN/D 163C or DANCE 163C	Ballroom/Swing Salsa III	0.50-1.00
KIN/S 120D	Golf IV	0.50-1.00	KIN/D 163D or DANCE 163D	Ballroom/Swing Salsa IV	0.50-1.00
KIN/S 148A	Tennis I	0.50-1.00	Students must complete at least six (6) additional units from the following list:		
KIN/S 148B	Tennis II	0.50-1.00	MATH 110	Introduction to Probability and Statistics	4.00
KIN/S 148C	Tennis III	0.50-1.00	CHEM 150 or CHEM 150H	General Chemistry I	5.00
KIN/S 148D	Tennis IV	0.50-1.00	PHYSIC 110	General Physics I	4.00
Fitness				OR	
KIN/F 105A	Aerobic Conditioning I	0.50-1.00	PHYSIC 250	College Physics I	4.00
KIN/F 105B	Aerobic Conditioning II	0.50-1.00	KIN 231	First Aid and CPR	3.00
KIN/F 105C	Aerobic Conditioning III	0.50-1.00			
KIN/F 105D	Aerobic Conditioning IV	0.50-1.00			
KIN/F 108A	Resistance and Weight Training I	0.50-1.00			

Marketing (MARKET)

Marketing Management Certificate of Achievement

Major/Program Requirements

Required Courses:

ACCT 208 **Introduction to Financial Accounting** **4.00**

BUSAD 100	Introduction to Business	3.00
BUSAD 105	Entrepreneurship and Small Business Management	3.00
BUSAD 145 or COMMST 145	Business Communication	4.00
BUSAD 155 or COMMST 155	Human Relations in the Workplace	3.00
	OR	
COMMST 111 or COMMST 111H	Interpersonal Communication	3.00
	OR	
COMMST 140	Small Group Communication	3.00
CIS 101 or BUSAD 230	Introduction to Computer and Information Technology	3.00
CIS 111	Web Page Programming and Design	3.00
CIS 163	Adobe Photoshop	3.00
MARKET 100	Marketing Principles	3.00
MARKET 110	Advertising	3.00

Students must complete at least five (5) units from the following courses:

MATH 115	The Ideas of Mathematics	3.00
MATH 200 or CSCI 200	Discrete Structures	4.00
MATH 265	Linear Algebra	4.00
MATH 266	Introduction to Ordinary Differential Equations	4.00
CIS 114	C++ Programming I	3.00
CIS 116	C++ Programming II	3.00
PHYSIC 110	General Physics I	4.00
PHYSIC 111	General Physics II	4.00
PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00
MATH 110	Introduction to Probability and Statistics	4.00
CSCI 110	Introduction to Computer Science I	3.00
CSCI 120	Introduction to Computer Science II	3.00
MATH 255	Computer-Based Problems for Calculus	1.00
		-
		2.00

Mathematics (MATH)

Associate in Science in Mathematics for Transfer (AS-T) Degree.

Major/Program Requirements

Required Courses:

MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00

Students must complete at least six (6) units from the following courses, with at least three (3) units from Group A:

Group A

MATH 265	Linear Algebra	4.00
MATH 266	Introduction to Ordinary Differential Equations	4.00

Group B

MATH 255	Computer-Based Problems for Calculus	1.00
		-
		2.00
MATH 110	Introduction to Probability and Statistics	4.00
CIS 114	C++ Programming I	3.00
CIS 116	C++ Programming II	3.00
PHYSIC 250	College Physics I	4.00
CSCI 110	Introduction to Computer Science I	3.00
CSCI 120	Introduction to Computer Science II	3.00

Mathematics - Associate of Art Degree

Major/Program Requirements

Required Courses:

MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00

Microbiology (MICRO)

Microbiology - Associate of Science Degree see BIOLOGY (p. 9)

Multidisciplinary Studies

Associate of Arts Fine Arts Degree - 100% DE

Major/Program Requirements

Required Courses:

A minimum of six (6) units must be taken from the following courses in at least two disciplines.

ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
MUSIC 103 or MUSIC 103H	Appreciation of American Popular Music	3.00
MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
THART 100 or THART 100H	Introduction to Theatre	3.00

Students must complete at least (12) twelve additional units from the following courses in at least two disciplines:

Art

ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
ART 105	History of Modern Art	3.00
ART 119	Digital Video Art	3.00

ART 120	Foundations of Two-Dimensional Design	3.00
ART 121	Foundations of Three-Dimensional Design	3.00
ART 124	Drawing I	3.00
ART 126	Painting I	3.00
ART 132	Life Drawing I	3.00
ART 175	Sculpture	3.00
ART 200	Printmaking	3.00
ART 204	Contemporary Topics in American Art	1.00
ART 226	Painting II	3.00
ART 232	Life Drawing II	3.00

Music

MUSIC 100	Fundamental Skills in Music	3.00
MUSIC 101	Music Theory I	4.00
MUSIC 102	Music Theory II	4.00
MUSIC 103 or MUSIC 103H	Appreciation of American Popular Music	3.00
MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
MUSIC 132	Guitar I	2.00
MUSIC 133	Guitar II	2.00
MUSIC 134	Jazz History	3.00
MUSIC 135	Piano I	2.00
MUSIC 136	Piano II	2.00
MUSIC 150X4	Concert Choir	1.00
MUSIC 164X4	Concert Band	2.00
MUSIC 174X4	Jazz Band	1.00
MUSIC 179X4	Contemporary Ensemble	2.00
MUSIC 180X4	Musical Theatre Workshop	2.00
MUSIC 190	Songwriting and Composition	3.00
MUSIC 195	Music Technology and Recording	4.00
MUSIC 201	Music Theory III	4.00
MUSIC 202	Music Theory IV	4.00
MUSIC 232	Guitar III	2.00
MUSIC 233	Guitar IV	2.00
MUSIC 235	Piano III	2.00
MUSIC 236	Piano IV	2.00

Theatre Arts

THART 100 or THART 100H	Introduction to Theatre	3.00
THART 108 or ENGL 108	World Drama I	3.00
THART 109 or ENGL 109	World Drama II	3.00
THART 110 or COMMST 110	Voice and Diction	3.00
THART 120	Beginning Acting	3.00
THART 124X2	Beginning Performance Workshop	3.00
THART 133	Audition Techniques	1.00
THART 134X4	Technical Theatre Workshop	1.00
THART 140X2	Intermediate Performance Workshop	3.00
THART 145	Advanced Theatre Practicum I	3.00
THART 150	Summer Theatre Workshop	3.00
DANCE 174x4 or THART 174X4	Dance Production Workshop	2.00

THART 176	Fundamentals of Stagecraft I	3.00
THART 179	Fundamentals of Stagecraft II	3.00
THART 205	Play Directing	3.00
THART 220	Intermediate Acting	3.00
THART 221	Advanced Acting	3.00
THART 226 or ENGL 226	Play and Screenplay Analysis	3.00
THART 245	Advanced Theatre Practicum II	3.00
THART 250	Advanced Summer Theatre Workshop	3.00

Associate of Arts Humanities Degree - 83% DE**Major/Program Requirements****Required Core Courses:****History and Civilization (3 units)**

HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00

Philosophy and Religion (3 units)

PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
PHIL 105 or PHIL 105H	Introduction to Ethics: Moral Values in Today's Society	3.00
RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
RELIG 110 or ANTHRO 110	Tribal and Ethnic Religions	3.00
RELIG 135 or HIST 135	Religion in America	3.00
RELIG 175 or ENGL 175	Literature and Religion of the Bible	3.00
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 176	Jesus and His Interpreters	3.00
ENGL 150	Classical Mythology	3.00

Fine Arts (3 units)

ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00
ART 105	History of Modern Art	3.00
ENGL 170	The Film Experience	3.00
HUM 140	Humanities Through the Arts	3.00
MUSIC 103 or MUSIC 103H	Appreciation of American Popular Music	3.00
MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
MUSIC 134	Jazz History	3.00
THART 100 or THART 100H	Introduction to Theatre	3.00

Literature (3 units)

ENGL 155 or ENGL 155H	Children's Literature	3.00
ENGL 160	Literature by Women	3.00
ENGL 163	Chicano/Latino Literature	3.00
ENGL 250	Fiction	3.00
ENGL 260	Survey of American Literature I	3.00
ENGL 261	Survey of American Literature II	3.00
ENGL 270	Survey of British Literature I	3.00
ENGL 271	Survey of British Literature II	3.00
ENGL 275	Shakespeare	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00

One of the following:

ENGL 108 or THART 108	World Drama I	3.00
ENGL 109 or THART 109	World Drama II	3.00

Associate of Arts Liberal Studies - Teacher Preparation Degree.**Major/Program Requirements****Required Courses:**

CD 105	Child Growth and Development	3.00
CD 211	Observation and Methods in School-Age Development OR	3.00
CD 212	Observation and Methods in Early Child Development	3.00
CD 295	Elementary Laboratory	3.00
EDU 290	Introduction to Education	3.00

Students must complete at least (6) six units from the following courses:

CD 182	Teaching in a Diverse Society	3.00
CD 244	Children with Special Needs	3.00
BUSAD 230 or CIS 101	Using Computers for Business	3.00

Required General Education Courses:**Students should complete the following courses to fulfill the general education requirements of the associate degree.**

BIOL 100	General Biology	4.00
ENGL 101 or ENGL 101H	Freshman Composition	4.00
HEALTH 102	Biological Principles of Health	3.00
MATH 115	The Ideas of Mathematics	3.00
POLIT 100 or POLIT 100H	American Politics	3.00
CHEM 101	Introduction to Chemistry	4.00
	OR	
PHYSIC 100	Introduction to Physics	4.00

Students must complete at least (3) three additional units from the following courses:

HIST 100 or HIST 100H	History of the United States to 1877	3.00
HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00

Students must complete at least (3) three additional units from the following courses:

ENGL 108 or THART 108	World Drama I	3.00
ENGL 109 or THART 109	World Drama II	3.00
ENGL 152 or ENGL 152H	Intermediate Composition and Literature	4.00
ENGL 155 or ENGL 155H	Children's Literature	3.00
ENGL 280	World Literature to the 17th Century	3.00
ENGL 281	World literature from the 17th Century to the Present	3.00

Students must complete at least (4) four additional units from the following courses:

ARABIC 102	College Arabic II	5.00
ARABIC 103	College Arabic III	5.00
ARABIC 104	College Arabic IV	5.00
ASL 102	American Sign Language II	4.00
ASL 103	American Sign Language III	4.00
ASL 104	American Sign Language IV	4.00
FRENCH 102	College French II	5.00
FRENCH 103	College French III	5.00
FRENCH 104	College French IV	5.00
JAPN 102	College Japanese II	5.00
JAPN 103	College Japanese III	5.00
JAPN 104	College Japanese IV	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00

Students must complete at least (3) three additional units from the following courses:

HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
PHIL 105 or PHIL 105H	Introduction to Ethics: Moral Values in Today's Society	3.00
RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00

Students must complete at least (3) three additional units from the following courses:

ART 100 or ART 100H	Art History I: Prehistoric Art to Medieval Art	3.00
ART 102 or ART 102H	Art History II: Renaissance Art to Contemporary Art	3.00

MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
THART 100 or THART 100H	Introduction to Theatre	3.00

Students must complete at least (3) three additional units from the following courses:

COMMST 100 or COMMST 100H	Elements of Public Speaking	3.00
COMMST 111 or COMMST 111H	Interpersonal Communication	3.00
COMMST 140	Small Group Communication	3.00

Students must complete at least (3) three additional units from the following courses:

ENGL 102 or ENGL 102H	Intermediate Composition and Critical Thinking	4.00
COMMST 125 or COMMST 125H	Critical Thinking through Argumentation and Debate	3.00
PHIL 103	Introduction to Logic: Argument and Evidence	3.00

Associate of Arts Social Science Degree - 100% DE

Major/Program Requirements

A minimum of (3) three units must be taken from each of the following groups:

Required Courses:

History and Culture

ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
GEOG 102 or GEOG 102H	Cultural Geography	3.00
GEOG 120	World Regional Geography	3.00
HIST 100 or HIST 100H	History of the United States to 1877	3.00
HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00

Political and Social Institutions

ECON 100	Introduction to Economics	3.00
ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
ECON 201 or ECON 201H	Principles of Microeconomics	3.00
POLIT 100 or POLIT 100H	American Politics	3.00
POLIT 102	California Politics and Culture	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00

Philosophy and Religion

PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
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PHIL 105 or PHIL 105H	Introduction to Ethics: Moral Values in Today's Society	3.00
RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
RELIG 110 or ANTHRO 110	Tribal and Ethnic Religions	3.00
RELIG 135 or HIST 135	Religion in America	3.00
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 176	Jesus and His Interpreters	3.00

Behavioral Science

CD 105	Child Growth and Development	3.00
CD 126	Child, Family and Community	3.00
PSYCH 100 or PSYCH 100H	General Psychology	3.00
PSYCH 102	Personal and Social Adjustment	3.00
PSYCH 103	Theories of Personality	3.00
PSYCH 110	Abnormal Psychology	3.00
PSYCH 111	Developmental Psychology: Lifespan	3.00
PSYCH 118	Human Sexual Behavior	3.00
SOC 100 or SOC 100H	Introduction to Sociology	3.00
SOC 105	Social Problems	3.00
SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 141	Minority Relations	3.00
SOC 150	Gerontology	3.00

Associate of Science Environmental Science Degree

Major/Program Requirements

Required Courses

One of the following:

BIOL 100	General Biology	4.00
BIOL 130 or BIOL 130H	Cell and Molecular Biology	4.00

One of the following:

CHEM 101	Introduction to Chemistry	4.00
CHEM 150 or CHEM 150H	General Chemistry I	5.00

One of the following sequences:

GEOL 100 or GEOL 100H	Physical Geology	4.00
	OR	
GEOL 101 or GEOL 101H	Introduction to Geology	3.00
	AND	
GEOL 160	Geology Laboratory	1.00

In addition to the required coursework, each student must choose an emphasis and take at least (12) twelve units from one of the following areas:

Emphasis in Biological Sciences

BIOL 123	Ecology and Environment	3.00
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BIOL 131 or BIOL 131H	Populations and Organisms	4.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00
CHEM 213	Organic Chemistry II	4.00
CHEM 102	Introduction to Organic Chemistry OR	4.00
CHEM 212	Organic Chemistry I	4.00

Emphasis in Geoscience Studies

GEOG 110 or GEOG 110H	Physical Geography	3.00
GEOG 111 or GEOG 111H	Physical Geography Laboratory	1.00
GEOG 126	Geography of California	3.00
GEOG 150 or GEOG 150H	Contemporary Geology: Hazards, Resources and Environmental Concerns	3.00
GEOG 170	Geologic History of the Great Basin	1.00
GEOG 175	Geology of the Eastern Mojave Desert	1.00
GEOG 177	Geology of the High Desert and Western Mojave Desert Region	1.00
GEOG 180	Geology of Joshua Tree National Park	1.00
GEOG 181	Geology of the Anza Borrego Region	1.00
GEOG 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOG 250	Geology of California	3.00
GEOG 270	Geology of the Eastern Sierra Nevada	1.00
ANTHRO 106 or ANTHRO 106H	Biological Anthropology	3.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00
PHYSIC 100	Introduction to Physics OR	4.00
PHYSIC 110	General Physics I	4.00
PHYSIC 250	College Physics I	4.00

Associate of Science Multiple Sciences Degree**Major/Program Requirements****Required Courses:**

A minimum of six (6) six units must be taken from two of the following three groups:

Physical Sciences

ASTRON 150 or ASTRON 150H	Introduction to Astronomy	3.00
ASTRON 160	Astronomy Laboratory	1.00
CHEM 101	Introduction to Chemistry	4.00
CHEM 102	Introduction to Organic Chemistry	4.00
CHEM 123	Chemistry for Everyone	3.00
CHEM 150 or CHEM 150H	General Chemistry I	5.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00

CHEM 212	Organic Chemistry I	4.00
CHEM 213	Organic Chemistry II	4.00
ENGR 101	Introduction to Engineering	3.00
PHYSIC 100	Introduction to Physics	4.00
PHYSIC 110	General Physics I	4.00
PHYSIC 111	General Physics II	4.00
PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00

Earth Sciences

GEOG 100 or GEOG 100H	Physical Geology	4.00
GEOG 101 or GEOG 101H	Introduction to Geology	3.00
GEOG 112	Historical Geology	4.00
GEOG 113	Earth and Life History	3.00
GEOG 150 or GEOG 150H	Contemporary Geology: Hazards, Resources and Environmental Concerns	3.00
GEOG 160	Geology Laboratory	1.00
GEOG 170	Geologic History of the Great Basin	1.00
GEOG 175	Geology of the Eastern Mojave Desert	1.00
GEOG 177	Geology of the High Desert and Western Mojave Desert Region	1.00
GEOG 180	Geology of Joshua Tree National Park	1.00
GEOG 181	Geology of the Anza Borrego Region	1.00
GEOG 190	Geology of the Eastern Sierra Nevada, Northern Section	1.00
GEOG 250	Geology of California	3.00
GEOG 270	Geology of the Eastern Sierra Nevada	1.00
GEOG 110 or GEOG 110H	Physical Geography	3.00
GEOG 111 or GEOG 111H	Physical Geography Laboratory	1.00
GEOG 126	Geography of California	3.00
OCEAN 100	Investigations in Oceanography	4.00
OCEAN 101 or OCEAN 101H	Elements of Oceanography	3.00

Biological Sciences

ANAT 101	Essentials of Human Anatomy and Physiology	4.00
ANAT 150	Human Anatomy and Physiology I	4.00
ANAT 151	Human Anatomy and Physiology II	4.00
ANTHRO 106 or ANTHRO 106H	Biological Anthropology	3.00
BIOL 100	General Biology	4.00
BIOL 123	Ecology and Environment	3.00
BIOL 130 or BIOL 130H	Cell and Molecular Biology	4.00
BIOL 131 or BIOL 131H	Populations and Organisms	4.00
HEALTH 263 or HEALTH 263H	Nutrition and Health	3.00
MICRO 102	Introductory Microbiology	4.00
MICRO 150	Medical Microbiology	5.00

Associate of Science Health Sciences Degree

Major/Program Requirements

Required Core Courses

ANAT 150	Human Anatomy and Physiology I	4.00
ANAT 151	Human Anatomy and Physiology II	4.00
ENGL 101 or ENGL 101H	Freshman Composition	4.00
MICRO 150	Medical Microbiology	5.00

One of the following:

COMMST 100 or COMMST 100H	Elements of Public Speaking	3.00
COMMST 111 or COMMST 111H	Interpersonal Communication	3.00

AND

One of the following:

ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
SOC 100 or SOC 100H	Introduction to Sociology	3.00

AND

One of the following:

PSYCH 100 or PSYCH 100H	General Psychology	3.00
PSYCH 111	Developmental Psychology: Lifespan	3.00

AND

One of the following sets:

CHEM 101	Introduction to Chemistry	4.00
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OR

CHEM 150 or CHEM 150H	General Chemistry I	5.00
	AND	
CHEM 151 or CHEM 151H	General Chemistry II	5.00

Music (MUSIC)

Associate in Arts in Music for Transfer (AA-T) Degree.

Major/Program Requirements

Required Courses:

MUSIC 101	Music Theory I	4.00
MUSIC 102	Music Theory II	4.00
MUSIC 201	Music Theory III	4.00
MUSIC 202	Music Theory IV	4.00
MUSIC 141X4	Applied Music	0.50

MUSIC 141X4: Must be taken four times for a total of 2 units.

Required Ensemble Courses:

MUSIC 150X4	Concert Choir	1.00
	OR	
MUSIC 174X4	Jazz Band	1.00

Total of 4 units of any combination of ensemble courses.

Music - Associate of Arts Degree.

Major/Program Requirements

Required Courses:

MUSIC 101	Music Theory I	4.00
MUSIC 102	Music Theory II	4.00
MUSIC 120 or MUSIC 120H	Appreciation of Musical Literature	3.00
MUSIC 141X4	Applied Music	0.50
MUSIC 135	Piano I	2.00
MUSIC 136	Piano II	2.00
MUSIC 235	Piano III	2.00
MUSIC 236	Piano IV	2.00

MUSIC 141X4: Must be taken two times

Students must complete at least eight (8) units from the following:

MUSIC 132	Guitar I	2.00
MUSIC 133	Guitar II	2.00
MUSIC 150X4	Concert Choir	1.00
MUSIC 164X4	Concert Band	2.00
MUSIC 174X4	Jazz Band	1.00
MUSIC 179X4	Contemporary Ensemble	2.00
MUSIC 232	Guitar III	2.00
MUSIC 233	Guitar IV	2.00
MUSIC 247A	Special Projects in Music	1.00-3.00
MUSIC 247B	Special Projects in Music	1.00-3.00
MUSIC 247C	Special Projects in Music	1.00-3.00
MUSIC 247D	Special Projects in Music	1.00-3.00

Students must complete at least three (3) additional units from the following:

MUSIC 100	Fundamental Skills in Music	3.00
MUSIC 103 or MUSIC 103H	Appreciation of American Popular Music	3.00
MUSIC 134	Jazz History	3.00
MUSIC 180X4	Musical Theatre Workshop	2.00
MUSIC 190	Songwriting and Composition	3.00
MUSIC 195	Music Technology and Recording	4.00

Music Technology and Songwriting Fundamentals Certificate

Major/Program Requirements

Required Courses:

MUSIC 190	Songwriting and Composition	3.00
MUSIC 195	Music Technology and Recording	4.00

Music Technology, Composition and Songwriting Certificate

Major/Program Requirements

Required Courses:

MUSIC 101	Music Theory I	4.00
MUSIC 102	Music Theory II	4.00
MUSIC 190	Songwriting and Composition	3.00
MUSIC 195	Music Technology and Recording	4.00

Philosophy (PHIL)

Associate in Arts in Philosophy for Transfer (AA-T) Degree - 83% DE

Major/Program Requirements

Required Courses:

PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
PHIL 103	Introduction to Logic: Argument and Evidence	3.00
PHIL 105 or PHIL 105H	Introduction to Ethics: Moral Values in Today's Society	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
RELIG 113	Introduction to Eastern Religions	3.00

Students must complete three (3) additional units from the following courses:

ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
HIST 135 or RELIG 135	Religion in America	3.00
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00
RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00
RELIG 120	Introduction to Islam	3.00
RELIG 175 or ENGL 175	Literature and Religion of the Bible	3.00
RELIG 176	Jesus and His Interpreters	3.00

Philosophy - Associate of Arts Degree - 67% DE

Major/Program Requirements

Required Courses:

PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
PHIL 105 or PHIL 105H	Introduction to Ethics: Moral Values in Today's Society	3.00

Students must complete at least six (6) units from the following courses:

HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00

HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00

Students must complete at least six (6) additional units from the following courses:

ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
PHIL 103	Introduction to Logic: Argument and Evidence	3.00
RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 176	Jesus and His Interpreters	3.00

Physics (PHYSIC)

Associate in Science in Physics for Transfer (AS-T) Degree

Major/Program Requirements

Required Courses:

PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00

Physics - Associate of Science Degree

Major/Program Requirements

Required Courses:

PHYSIC 250	College Physics I	4.00
PHYSIC 251	College Physics II	4.00
PHYSIC 252	College Physics III	4.00
CHEM 150 or CHEM 150H	General Chemistry I	5.00
CHEM 151 or CHEM 151H	General Chemistry II	5.00
MATH 250	Single Variable Calculus I	4.00
MATH 251	Single Variable Calculus II	4.00
MATH 252	Multivariable Calculus	5.00

Recommended Courses:

MATH 266	Introduction to Ordinary Differential Equations	4.00
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Political Science (POLIT)

Associate in Arts in Political Science for Transfer (AA-T) Degree

Major/Program Requirements

Required Courses:

POLIT 100 or POLIT 100H	American Politics	3.00
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Students must complete at least nine (9) units from the following courses:

POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00
MATH 110	Introduction to Probability and Statistics	4.00
	OR	
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00

Students must complete at least six (6) additional units from the following courses:

POLIT 102	California Politics and Culture	3.00
MATH 110	Introduction to Probability and Statistics	4.00
	OR	
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00
ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
ECON 100	Introduction to Economics	3.00
ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
ECON 201 or ECON 201H	Principles of Microeconomics	3.00
GEOG 120	World Regional Geography	3.00
HIST 100 or HIST 100H	History of the United States to 1877	3.00
HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00
PSYCH 100 or PSYCH 100H	General Psychology	3.00
SOC 100 or SOC 100H	Introduction to Sociology	3.00

Political Science - Associate of Arts Degree

Major/Program Requirements

Required Courses:

POLIT 100 or POLIT 100H	American Politics	3.00
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Students must complete at least six (6) units from the following list:

POLIT 102	California Politics and Culture	3.00
POLIT 104	Introduction to Comparative Politics	3.00
POLIT 106	Introduction to World Politics	3.00
POLIT 110	Introduction to Political Theory	3.00

Students must complete at least six (6) additional units from the following list:

HIST 100 or HIST 100H	History of the United States to 1877	3.00
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HIST 101 or HIST 101H	History of the United States 1865 to Present	3.00
HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00

Students must complete at least three (3) additional units from the following list:

ECON 100	Introduction to Economics	3.00
ECON 200 or ECON 200H	Principles of Macroeconomics	3.00
ECON 201 or ECON 201H	Principles of Microeconomics	3.00

Recommended Courses

ANTHRO 106 or ANTHRO 106H	Biological Anthropology	3.00
GEOG 110 or GEOG 110H	Physical Geography	3.00
GEOG 111 or GEOG 111H	Physical Geography Laboratory	1.00
MATH 110	Introduction to Probability and Statistics	4.00
	OR	
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00

Psychology (PSYCH)

Associate in Arts in Psychology for Transfer (AA-T) Degree - 65% DE

Major/Program Requirements

Required Courses:

BIOL 100	General Biology	4.00
PSYCH 100 or PSYCH 100H	General Psychology	3.00
PSYCH 101	Research Methods	3.00
PSYCH 111	Developmental Psychology: Lifespan	3.00
MATH 110	Introduction to Probability and Statistics	4.00
	OR	
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00

Students must complete at least three (3) units from the following courses:

PSYCH 102	Personal and Social Adjustment	3.00
PSYCH 103	Theories of Personality	3.00
PSYCH 110	Abnormal Psychology	3.00
PSYCH 118	Human Sexual Behavior	3.00

Psychology - Associate of Arts Degree - 56% DE

Major/Program Requirements

Required Courses:

BIOL 100	General Biology	4.00
PSYCH 100 or PSYCH 100H	General Psychology	3.00

PSYCH 101	Research Methods	3.00
PSYCH 111	Developmental Psychology: Lifespan	3.00
MATH 110	Introduction to Probability and Statistics OR	4.00
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00

Students must complete at least six (6) additional units from the following courses:

PSYCH 102	Personal and Social Adjustment	3.00
PSYCH 103	Theories of Personality	3.00
PSYCH 110	Abnormal Psychology	3.00
PSYCH 118	Human Sexual Behavior	3.00

Radiologic Technology (RADIOL)

Radiologic Technology - Associate of Science Degree

Major/Program Requirements

Required Courses:

RADIOL 100	Introduction to Radiologic Technology	1.50
RADIOL 103	Radiographic Positioning I	1.00
RADIOL 104	Radiologic Physics I	1.50
RADIOL 105	Radiographic Anatomy/ Physiology I	1.00
RADIOL 106	Radiographic Positioning Lab I	0.50
RADIOL 107	Basic Radiologic Medical Techniques	1.50
RADIOL 108	Radiation Protection I	1.25
RADIOL 109	Radiologic Physics II	1.25
RADIOL 110	Radiographic Exposure I	1.00
RADIOL 111	Radiographic Image Critique I	1.00
RADIOL 112	Radiographic Positioning II	1.25
RADIOL 113	Radiographic Anatomy/Physiology II	1.25
RADIOL 114	Radiographic Positioning Lab II	0.50
RADIOL 115	Radiographic Clinic I	10.25
RADIOL 116	Radiographic Exposure II	1.00
RADIOL 117	Radiographic Clinic II	13.75
RADIOL 200	Radiation Protection II	1.50
RADIOL 202	Radiographic Image Critique II	1.00
RADIOL 203	Radiographic Positioning III	1.25
RADIOL 204	Radiographic Anatomy/Physiology III	1.25
RADIOL 205	Radiographic Positioning Lab III	0.50
RADIOL 215	Radiography Registry Review and Testing I	3.00
RADIOL 207	Radiographic Fluoroscopic Imaging	1.50
RADIOL 208	Radiography Registry Review and Testing II	3.00
RADIOL 209	Radiographic Pathology	1.00
RADIOL 210	Radiographic Positioning IV	1.25
RADIOL 211	Radiographic Anatomy/Physiology IV	1.25
RADIOL 212	Special Procedures in Radiology	1.25
RADIOL 213	Radiographic Clinic III	12.00
RADIOL 214	Radiographic Clinic IV	12.50

Total Credit Hours: 81.75

Radiologic Technology Certificate

Major/Program Requirements

Prerequisites

Students may substitute equivalent or advanced level courses for the following prerequisite courses:

RADIOL 090	Survey of Radiologic Technology	1.50
HIT 101	Medical Terminology	3.00
ANAT 101	Essentials of Human Anatomy and Physiology	4.00
ENGL 101 or ENGL 101H	Freshman Composition	4.00
CIS 101 or BUSAD 230	Introduction to Computer and Information Technology	3.00
MATH 095	Intermediate Algebra	4.00

Required First Semester Courses

RADIOL 100	Introduction to Radiologic Technology	1.50
RADIOL 103	Radiographic Positioning I	1.00
RADIOL 104	Radiologic Physics I	1.50
RADIOL 105	Radiographic Anatomy/ Physiology I	1.00
RADIOL 106	Radiographic Positioning Lab I	0.50
RADIOL 107	Basic Radiologic Medical Techniques	1.50
RADIOL 110	Radiographic Exposure I	1.00
RADIOL 115	Radiographic Clinic I	10.25

Required Second Semester Courses

RADIOL 108	Radiation Protection I	1.25
RADIOL 109	Radiologic Physics II	1.25
RADIOL 111	Radiographic Image Critique I	1.00
RADIOL 112	Radiographic Positioning II	1.25
RADIOL 113	Radiographic Anatomy/Physiology II	1.25
RADIOL 114	Radiographic Positioning Lab II	0.50
RADIOL 116	Radiographic Exposure II	1.00
RADIOL 117	Radiographic Clinic II	13.75

Required Third Semester Courses

RADIOL 200	Radiation Protection II	1.50
RADIOL 202	Radiographic Image Critique II	1.00
RADIOL 203	Radiographic Positioning III	1.25
RADIOL 204	Radiographic Anatomy/Physiology III	1.25
RADIOL 205	Radiographic Positioning Lab III	0.50
RADIOL 213	Radiographic Clinic III	12.00
RADIOL 215	Radiography Registry Review and Testing I	3.00

Required Fourth Semester Courses

RADIOL 207	Radiographic Fluoroscopic Imaging	1.50
RADIOL 208	Radiography Registry Review and Testing II	3.00
RADIOL 209	Radiographic Pathology	1.00
RADIOL 210	Radiographic Positioning IV	1.25
RADIOL 211	Radiographic Anatomy/Physiology IV	1.25
RADIOL 212	Special Procedures in Radiology	1.25
RADIOL 214	Radiographic Clinic IV	12.50

Total Credit Hours: 101.25

Religious Studies (RELIG)

Religious Studies - Associate of Arts Degree - 67% DE

Major/Program Requirements

Required Courses:

RELIG 100 or RELIG 100H	Introduction to Religious Studies	3.00
RELIG 101 or RELIG 101H	Introduction to World Religions	3.00

Students must complete at least six (6) units from the following courses:

HIST 170 or HIST 170H	World Civilizations (3500 BCE-1500 CE)	3.00
HIST 171 or HIST 171H	World Civilizations (1500 CE to the Present)	3.00
HUM 101	The Humanities I: Prehistoric to Medieval	3.00
HUM 102	The Humanities II: Renaissance to Post Modern	3.00

Students must complete at least six (6) additional units from the following courses:

ANTHRO 110 or RELIG 110	Tribal and Ethnic Religions	3.00
RELIG 113	Introduction to Eastern Religions	3.00
RELIG 135 or HIST 135	Religion in America	3.00
RELIG 175 or ENGL 175	Literature and Religion of the Bible	3.00
RELIG 176	Jesus and His Interpreters	3.00
PHIL 101 or PHIL 101H	Introduction to Philosophy	3.00
PHIL 105 or PHIL 105H	Introduction to Ethics: Moral Values in Today's Society	3.00
ENGL 150	Classical Mythology	3.00

Respiratory Care (RESP)

Respiratory Care - Associate of Science Degree

Major/Program Requirements

Preadmission Courses:

RESP 050	Introductory to Respiratory Care	2.00
HIT 101	Medical Terminology	3.00
ANAT 101	Essentials of Human Anatomy and Physiology	4.00

Additional entrance points and required courses for the certificate and degree:

MICRO 102	Introductory Microbiology	4.00
CHEM 101	Introduction to Chemistry	4.00

General Education courses required for an Associate of Science Degree in Registry Eligible Respiratory Therapy. Please see a counselor for additional information.

Required Courses:

RESP 051	Cardiopulmonary Resuscitation: Basic Life Support Healthcare Provider	1.00
RESP 130	Fundamentals of Respiratory Care I	4.00
RESP 131	Fundamentals of Respiratory Care Skills I	11.00
RESP 132	Pulmonary Assessment	4.50
RESP 133	Respiratory Care Clinical Application I	1.50
RESP 134	Introduction to Pharmacology and Drug Therapy	4.50
RESP 135	Fundamentals of Respiratory Care II	4.00
RESP 136	Fundamentals of Respiratory Care Skills II	5.50
RESP 137	Respiratory Care Clinical Application II	9.00
RESP 138	Clinical Medicine I	1.50
RESP 139	Perinatal and Pediatric Respiratory Care	4.50
RESP 230	Advanced Theory of Respiratory Care I	2.50
RESP 231	Advanced Respiratory Care Skill Laboratory I	3.00
RESP 232	Physiologic Basis of Respiratory Disease I	2.50
RESP 233	Advanced Respiratory Care Clinical Application I	4.00
RESP 234	Advanced Theory of Respiratory Care II	4.00
RESP 235	Physiologic Basis of Respiratory Disease II	5.00
RESP 236	Advanced Respiratory Care Clinical Application II	9.00
RESP 237	Advanced Respiratory Care Skills Laboratory II	5.50
RESP 238	Entry Level and Advanced Practitioner Examinations: Review and Seminar	5.00

Sociology (SOC)

Associate in Arts in Sociology for Transfer (AA-T) Degree - 84% DE

Major/Program Requirements

Required Courses:

SOC 100 or SOC 100H	Introduction to Sociology	3.00
SOC 105	Social Problems	3.00
PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00
	OR	
MATH 110	Introduction to Probability and Statistics	4.00

Students must complete at least six (6) units from the following courses:

SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 141	Minority Relations	3.00
SOC 145	Sex, Gender and Society	3.00

Students must complete at least three (3) additional units from the following courses:

SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 141	Minority Relations	3.00
SOC 145	Sex, Gender and Society	3.00
SOC 150	Gerontology	3.00

ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
PSYCH 100 or PSYCH 100H	General Psychology	3.00
POLIT 100 or POLIT 100H	American Politics	3.00
ECON 100	Introduction to Economics	3.00

Sociology - Associate of Arts Degree - 83% DE

Major/Program Requirements

Required Courses:

SOC 100 or SOC 100H	Introduction to Sociology	3.00
SOC 105	Social Problems	3.00
SOC 141	Minority Relations	3.00

Students must complete at least six (6) units from the following courses:

ANTHRO 102 or ANTHRO 102H	Cultural Anthropology	3.00
GEOG 102 or GEOG 102H	Cultural Geography	3.00
PSYCH 100 or PSYCH 100H	General Psychology	3.00

MATH 110	Introduction to Probability and Statistics OR	4.00
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PSYCH 120	Statistics for the Social and Behavioral Sciences	4.00
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Students must complete at least three (3) additional units from the courses listed above or the following courses:

SOC 130	Marriage, Family and Intimate Relationships	3.00
SOC 150	Gerontology	3.00

Spanish (SPAN)

Associate in Arts in Spanish for Transfer (AA-T) Degree

Major/Program Requirements

Required Courses:

SPAN 101	College Spanish I	5.00
SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00

Students must complete at least three (3) units from the following courses:

ENGL 163	Chicano/Latino Literature	3.00
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Total Credit Hours: 23.00

Spanish - Associate of Arts Degree

Major/Program Requirements

Required Courses:

SPAN 101	College Spanish I	5.00
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SPAN 102	College Spanish II	5.00
SPAN 103	College Spanish III	5.00
SPAN 104	College Spanish IV	5.00

Theatre Arts (THART)

Associate in Arts in Theatre Arts for Transfer (AA-T) Degree

Major/Program Requirements

Required Courses:

THART 100 or THART 100H	Introduction to Theatre	3.00
THART 108 or ENGL 108	World Drama I	3.00
THART 120	Beginning Acting	3.00
THART 124X2	Beginning Performance Workshop OR	3.00
THART 134X4	Technical Theatre Workshop	1.00

THART 134X4: must be taken three times

Students must complete at least nine (9) units from the following courses:

THART 124X2	Beginning Performance Workshop	3.00
THART 134X4	Technical Theatre Workshop	1.00
THART 176	Fundamentals of Stagecraft I	3.00
THART 179	Fundamentals of Stagecraft II	3.00
THART 220	Intermediate Acting	3.00
THART 226 or ENGL 226	Play and Screenplay Analysis	3.00

THART 124X2: if not taken above

THART 134X4: may be taken three times if not taken above

Theatre Arts - Associate of Arts Degree

Major/Program Requirements

Required Courses:

THART 100 or THART 100H	Introduction to Theatre	3.00
THART 120	Beginning Acting	3.00

STUDENTS MUST CHOOSE ONE AREA OF EMPHASIS FROM THE FOLLOWING TWO (2) EMPHASIS OPTIONS:

Emphasis in Performance:

THART 110 or COMMST 110	Voice and Diction	3.00
THART 220	Intermediate Acting	3.00
THART 221	Advanced Acting	3.00
THART 124X2	Beginning Performance Workshop	3.00
THART 134X4	Technical Theatre Workshop	1.00
THART 140X2	Intermediate Performance Workshop	3.00

Recommended Courses:

THART 140X2	Intermediate Performance Workshop	3.00
THART 145	Advanced Theatre Practicum I	3.00
THART 245	Advanced Theatre Practicum II	3.00

THART 226 or ENGL 226	Play and Screenplay Analysis	3.00
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Emphasis in Theatre Technology:

THART 176	Fundamentals of Stagecraft I	3.00
THART 179	Fundamentals of Stagecraft II	3.00
THART 134X4	Technical Theatre Workshop	1.00
THART 145	Advanced Theatre Practicum I	3.00
THART 245	Advanced Theatre Practicum II	3.00

THART 134X4: must be taken two times