



2014
2015 CATALOG ADDENDUM

ENRICHING LIVES | BUILDING FUTURES





ANTELOPE VALLEY COLLEGE

2014-2015 Catalog Addendum

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WELCOME TO ANTELOPE VALLEY COLLEGE

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The Course Identification Numbering System (C-ID) is a statewide numbering system independent from the course numbers assigned by local California community colleges. A C-ID number next to a course signals that participating California colleges and universities have determined that courses offered by other California community colleges are comparable in content and scope to courses offered on their own campuses, regardless of their unique titles or local course number. Thus, if a schedule of classes or catalog lists a course bearing a C-ID number, for example COMM 110, students at that college can be assured that it will be accepted in lieu of a course bearing the C-ID COMM 110 designation at another community college. In other words, the C-ID designation can be used to identify comparable courses at different community colleges. However, students should always go to www.assist.org to confirm how each college’s course will be accepted at a particular four-year college or university for transfer credit.

The C-ID numbering system is useful for students attending more than one community college and is applied to many of the transferable courses students need as preparation for transfer. Because these course requirements may change and because courses may be modified and qualified for or deleted from the C-ID database, students should always check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer.

Students may consult the ASSIST database at www.assist.org for specific information on C-ID course designations. Counselors can always help students interpret or explain this information.

C-ID	AVC Course	C-ID	AVC Course
ACCT 110	ACCT 201 Financial Accounting for Decision Making	CHEM 160S .	CHEM 210 Organic Chemistry with Laboratory &
ACCT 120	ACCT 205 Managerial Accounting		CHEM 220 Organic Chemistry with Laboratory
AJ 124.....	AJ 103 Criminal Evidence	COMM 110 ..	COMM 101 Introduction to Public Speaking
AJ 140.....	AJ 205 Criminal Investigation	COMM 120 ..	COMM 115 Introduction to Argumentation and Debate
AJ 150.....	AJ 208 Introduction to Forensic Science	COMM 140 ..	COMM 109 Small Group Communication
AJ 200.....	AJ 104 Introduction to Corrections	COMM 150 ..	COMM 219 Introduction to Intercultural Communication
AJ 220.....	AJ 204 Juvenile Procedures	COMM 160B	COMM 116 Forensics
ANTH 150....	ANTH 140 Introduction to Archaeology	COMM 170 ..	COMM 112 Oral Interpretation
ARTH 100	ART 100 Art Appreciation	COMP 112....	CIS 111 Programming and Algorithms
ARTS 101	ART 150 3-D Design Basics	COMP 122....	CIS 111 Programming and Algorithms &
BUS 110	BUS 101 Introduction to Business		CIS 113 Data Structures
BUS 115	BUS 113 Business Communications	COMP 132....	CIS 113 Data Structures
BUS 140	CIS 101 Introduction to Computer Information Science	COMP 142....	CIS 123 Assembly Language and Computer Architecture
BUS 140	CA 221 Computer Concepts and Applications in Business	ECE 130.....	CFE 105 Discovery-Based Education for Children
CDEV 100	CFE 102 The Developing Child	ECE 200.....	CFE 201 Child Development Practicum-Observation and Assessment
CDEV 110	CFE 103 The Child in Family/Community Relationships		
CHEM 150....	CHEM 210 Organic Chemistry with Laboratory		

C-ID	AVC Course	C-ID	AVC Course
ECE 210.....	CFE 202	Child Development Practicum-Emergent Leadership	MUS 135 MUS 153 Beginning Musicianship MUS 140 MUS 251A Intermediate Music Theory
ECON 201	ECON 102	Principles of Microeconomics	MUS 145 MUS 253A Intermediate Musicianship
ECON 202	ECON 101	Principles of Macroeconomics	MUS 150 MUS 251B Advanced Music Theory MUS 155 MUS 253B Advanced Musicianship
ENGL 100	ENGL 101	Academic Composition	MUS 160 MUS 291 Applied Music & MUS 292 Applied Music Performance
ENGL 105	ENGL 103	Critical Thinking and Research	MUS 180 MUS 160 Symphonic Band MUS 180 MUS 166 Beginning Orchestra
ENGL 120	ENGL 102	Critical Thinking and Literature	MUS 180 MUS 167 Intermediate Orchestra MUS 180 MUS 181 Master Chorale
ENGL 130	ENGL 221	American Literature: 1400-1865	MUS 180 MUS 185 Concert Choir MUS 180 MUS 260 Concert Band
ENGL 135	ENGL 222	American Literature: 1865-Present	MUS 180 MUS 266 Advanced Orchestra MUS 180 MUSC 173 Beginning Jazz Ensemble
ENGL 140	ENGL 230	World Literature 1	MUS 180 MUSC 273 Intermediate Jazz Ensemble
ENGL 145	ENGL 231	World Literature 2	MUS 180 MUSC 274 Advanced Jazz Ensemble
ENGL 160	ENGL 225	English Literature (800- 1750)	PHIL 100 PHIL 106 Introduction to Philosophy
ENGL 165	ENGL 227	English Literature, 1750- Present	PHIL 120 PHIL 105 Ethics: Moral Issues in Contemporary Society
GEOG 130....	GEOG 102	Physical Geography: Earth's Weather and Climate	PHYS 205 PHYS 110 General Physics PHYS 210..... PHYS 120 General Physics
GEOG 120....	GEOG 105	Cultural Geography	PHYS 215..... PHYS 211 General Physics
GEOG 140....	GEOG 106	California Geography	POLS 110 POLS 101 American Political Institutions
GEOG 150....	GEOG 201	Map Interpretation & GPS	POLS 120 POLS 200 Introduction to Political Theory
GEOG 155....	GEOG 205	Introduction to Geographic Information Systems	POLS 140 POLS 201 Contemporary International Relations
GEOG 160....	GEOG 299	Special Topics - Field Geography	PSY 110..... PSY 101 General Psychology PSY 115..... PSY 233 Personal and Social Adjustment
GEOL 100	GEOL 101	Physical Geology	PSY 120..... PSY 234 Abnormal Psychology PSY 130..... PSY 212 Human Sexuality
GEOL 100L..	GEOL 101L	Physical Geology Laboratory	PSY 150..... PSY 201 Introduction to Physiological Psychology
GEOL 110	GEOL 102	Historical Geology	PSY 170..... PSY 230 Social Psychology PSY 180..... PSY 236 Developmental Psychology
GEOL 110L..	GEOL 102L	Historical Geology Laboratory	PSY 200..... PSY 200 Introduction to Research Methods in Psychology
ITIS 120.....	CA 221	Computer Concepts and Applications in Business	SOCI 110..... SOC 101 Introduction to Sociology SOCI 115 SOC 112 American Social Issues: Problems and Challenges
JOUR 110	JOUR 121	Beginning Journalism	
MATH 220 ...	MATH 160	Calculus and Analytic Geometry	
MUS 110	MUS 111	Fundamentals of Music	
MUS 130	MUS 151	Beginning Music Theory	

C-ID	AVC Course	C-ID	AVC Course
SOCI 130.....	SOC 115 Marriage and Family Life	THTR 173.....	THA 103 Introduction to Stage Lighting
SOCI 150.....	SOC 110 Ethnic Relations	THTR 191.....	THA 120A Rehearsal and Performance: Drama
SOCI 160.....	AJ 206 Criminology	THTR 191.....	THA 120B Rehearsal and Performance: Comedy
SPAN 100.....	SPAN 101 Elementary Spanish 1	THTR 191.....	THA 120C Rehearsal and Performance: Musical Theatre
SPAN 110.....	SPAN 102 Elementary Spanish 2	THTR 191.....	THA 120D Rehearsal and Performance: Children's Theatre
SPAN 200.....	SPAN 201 Intermediate Spanish		
SPAN 210.....	SPAN 202 Intermediate Spanish		
SPAN 230.....	SPAN 102HL Elementary Spanish for Heritage Learners II		
THTR 111.....	THA 101 Introduction to Theatre		
THTR 112.....	THA 101 Introduction to Theatre		
THTR 151.....	THA 110 Fundamentals of Acting		
THTR 152.....	THA 125 Intermediate Acting Workshop		

The Student Transfer Achievement Reform Act (SB 1440 – Padilla), signed into legislation on September 29, 2010, enables the California Community Colleges and California State University to collaborate on the creation of Associate in Arts (AA-T) and Associate in Science (AS-T) transfer degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. This law requires community colleges to grant an associate degree for transfer to a student once a student has met specified general education and major requirements for the degree. Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester or 90 quarter units.

Students are given guaranteed admission into the California State University (CSU) system priority consideration when applying to a particular program that is similar to the student’s community college major. This priority does not guarantee admission to specific majors or campuses. The law prohibits the CSU from requiring a transferring student to repeat courses similar to those taken at the community college that counted toward their associate degree for transfer.

Antelope Valley College offers 19 associate degrees for transfer to the CSU system. The six previously published associate degrees for transfer include: Art history, Communication Studies, Mathematics, Political Science, Sociology, and Studio Arts. Information pertaining to previously approved associate degrees for transfer can be found in the current catalog.

ASSOCIATE IN SCIENCE IN ADMINISTRATION OF JUSTICE FOR TRANSFER

The Associate in Science in Administration of Justice for Transfer (AS-T in Administration of Justice) degree involves the study of the theory and practice of law enforcement, police work, and court and corrections systems. Law enforcement, whether as a line police officer, deputy sheriff, marshal, or state traffic officer, offers a rewarding opportunity to serve society. Specialized officers such as game wardens, forest rangers, or criminal investigators make unique contributions throughout our state and nation. They investigate crime, present cases in court and render other service to the justice system and the people.

The Associate in Science in Administration of Justice for Transfer (AS-T in Administration of Justice) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Science in Administration of Justice for Transfer (AS-T in

Administration of Justice) degree a student must complete the following:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A “P” (Pass) grade is not an acceptable grade for courses in the major.

Program Learning Outcomes:

1. Properly interpret industry standards related to an individual’s rights against illegal searches and seizures, self-incrimination, legal representation, and due process of the law.
2. Analyze and evaluate crime scenes, identify unique criminal components, then properly collect, preserve, and document evidence.

3. Identify and apply the individual components of the criminal justice system to a newly arrested offender.

Required Courses	units
AJ 101, Introduction to Administration of Justice	3
AJ 102, Criminal Law	3

Required Electives A	units
Select 6 units from the following:	
AJ 103, Criminal Evidence	3
AJ 104, Introduction to Corrections	3
AJ 204, Juvenile Procedures	3
AJ 205, Criminal Investigation	3
AJ 208, Introduction to Forensic Science	3
AJ 210, Police in Society	3

Required Electives B	units
Select 6 units from the following or any course from List A not already used:	
AJ 206, Criminology	3
GEOG 101, Physical Geography: Earth's Surface Landscapes	3
GEOG 101L, Physical Geography Lab: Earth's Surface Landscapes	1
GEOG 105, Cultural Geography	3
MATH 115, Statistics	4
PHIL 110, Introduction to Logic	3
PHIL 201, Critical Thinking	3
PSY 101, General Psychology	3
SOC 101, Introduction to Sociology	3
SOC 112, American Social Issues: Problems and Challenges	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
AJ 101, Introduction to Administration of Justice	3
Required Elective B	3-4
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area C1	3
CSU GE requirement Area E	3
Total 15-16	

Second Semester	units
AJ 102, Criminal Law	3
Required Elective B	3-4
CSU GE requirement Area A1	3
CSU GE requirement Area C2	3

CSU GE requirement Area B4	3
Total 15-16	

Third Semester	units
Required Elective A	3
CSU GE requirement Area D	3
CSU GE requirement Area A3	3
CSU GE requirement Area B2	3
*Elective	3
Total 15	

Fourth Semester	units
Required Elective A	3
CSU GE requirement Area B1	3
CSU GE requirement Area D	3
CSU GE requirement Area D	3
CSU GE requirement Area C	3
Total 15	

**CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to
reach Degree Total 60**

*Electives should be taken from other courses within the major or foreign language.

ASSOCIATE IN ARTS IN ANTHROPOLOGY FOR TRANSFER

The Associate in Arts in Anthropology for Transfer (AA-T in Anthropology) degree program has been developed to provide the student with a fundamental understanding of the field of Anthropology and its four main sub-fields: Cultural Anthropology, Physical Anthropology, Archaeology and Linguistics. Anthropology is the study of humans, both past and present. It is a holistic discipline, which means that anthropologists study the similarities and differences in human biological and cultural origins, evolution, adaptations and features across the globe throughout all of human history. From this wide perspective anthropology helps us to understand other peoples and thereby enables us to better understand ourselves.

The Associate in Arts in Anthropology for Transfer (AA-T in Anthropology) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do

not exclude admittance to other colleges or universities.

To earn an Associate in Arts in Anthropology for Transfer (AA-T in Anthropology) degree a student must complete the following:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

1. Demonstrate understanding of the processes of science, the scientific method, and the relationship between scientific research and established knowledge.
2. Clearly express self when writing or speaking about anthropology demonstrating knowledge of basic anthropological terminology and understanding major anthropological concepts.
3. Evaluate anthropological data, draw reasonable conclusions, recognize ethical implications of these conclusions and apply these conclusions to personal, community and scientific problems.
4. Recognize and appreciate what it means to be human and how ethnographic, archaeological, and biological knowledge contribute to that understanding.
5. Utilize appropriate fieldwork techniques for anthropology.

Required Courses	units
ANTH 102, Introduction to Cultural Anthropology	3
ANTH 101, Introduction to Physical Anthropology	3
ANTH 140, Introduction to Archaeology	4

Required Electives A **units**
 Select 4 units from the following:

MATH 115, Statistics 4

Required Electives B **units**
 Select 3-5 units from the following:

BIOL 201, 201L, General Human Anatomy 4
 GEOG 205, Introduction to Geographic Information Systems 3
 GEOL 101, Physical Geology **and**
 GEOL 101L, Physical Geology Lab 4

Required Electives C **units**
 Select 3 units from the following:

ANTH 101L, Physical Anthropology Lab 1
 ANTH 103, Introduction to Prehistory 3
 ANTH 112, Native North Americans 3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
ANTH 101, Introduction to Physical Anthropology (CSU GE Area B2)	3
Required Elective C: ANTH 101L, Physical Anthropology Lab (CSU GE Area B3)	1
CSU GE requirement Area A1	3
CSU GE requirement Area C1	3
CSU GE requirement Area E	3
*Electives	2
Total 15	

Second Semester	units
ANTH 102, Introduction to Cultural Anthropology (CSU GE Area D1)	3
Required Elective B	3-5
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area C2	3
CSU GE requirement Area C	3
Total 15-17	

Third Semester	units
MATH 115, Statistics (CSU GE Area B4)	4
Required Elective C: ANTH 103, Introduction to Prehistory	3
*Electives: ANTH 112, Native North Americans	3
CSU GE requirement Area A3	3
*Electives	2
Total 15	

Fourth Semester	units
ANTH 140, Introduction to Archaeology (CSU GE Area D1)	4
CSU GE requirement Area B1	3
CSU GE requirement Area D	3
CSU GE requirement Area D	3
*Electives	2
Total 15	

**CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to
reach Degree Total 60**

*Electives should be taken from other courses within the major or foreign language.

**ASSOCIATE IN SCIENCE IN BUSINESS
ADMINISTRATION FOR TRANSFER**

The Associate in Science in Business Administration for Transfer (AS-T Business Administration) degree provides students with an entry-level understanding of business, accounting, and economics. Students will recognize and respond to changing economic conditions within the business environment that determine how goods and services are produced, distributed, and consumed in a society. This coursework will satisfy the lower division business administration requirements at the California State University.

The Associate in Science in Business Administration for Transfer (AS-T in Business Administration) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Science in Business Administration for Transfer (AS-T in Business Administration) degree a student must complete the following:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the

California State University General Education – Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

1. Understand and apply ethics to effectively operate as a business manager within the global business environment.
2. Prepare and analyze basic financial statements, financial ratios, and tax forms to assess opportunities and risks for the purpose of formulating and implementing business strategies.
3. Demonstrate written, verbal, and nonverbal communication skills required for the workplace, including the effective use of appropriate technologies, written reports, and formal presentations.
4. Understand and analyze the legal and social environment of business, in particular civil and criminal law, consumer protection, contracts, employment and personal property rights.
5. Understand and apply economic theory and policy, including supply and demand and market equilibrium, the American banking system, and the Federal Reserve System.

Required Courses	units
ACCT 201, Financial Accounting	4
ACCT 205, Managerial Accounting	4
ECON 101, Principles of Macroeconomics	3
ECON 102, Principles of Microeconomics	3
BUS 201, Business Law	3

Required Electives A	units
Select 4 units from the following:	
MATH 115, Statistics	4

Required Electives B	units
Select 6-7 units from the following:	
CIS 101, Introduction to Computer Information Science or CA 103, Introduction to Microcomputers or CA	

221, Computer Concepts and Applications in Business	3-4
BUS 101, Introduction to Business or BUS 113, Business Communications	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
ECON 102, Principles of Microeconomics (CSU GE Area D2)	3
Required Elective B	4
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area C1	3
CSU GE requirement Area E	3
Total 15-16	

Second Semester	units
ACCT 201, Financial Accounting	4
ECON 101, Principles of Macroeconomics (CSU GE Area D2)	3
Required Elective B	3-4
CSU GE requirement Area A1 (COMM 101 or COMM 103)	3
Total 13-14	

Third Semester	units
ACCT 205, Managerial Accounting	4
BUS 201, Business Law	3
CSU GE requirement Area A3	3
CSU GE requirement Area B2/B3	3-4
CSU GE requirement Area C	3
Total 16-17	

Fourth Semester	units
MATH 115, Statistics (Required Elective A) (CSU GE Area B4)	4
CSU GE requirement Area C2	3
CSU GE requirement Area D	3
CSU GE requirement Area B1/B3	3-4
*Elective	1
Total 14-15	

**CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to
reach Degree Total 60**

*Electives should be taken from other courses within the major.

**ASSOCIATE IN SCIENCE IN EARLY
CHILDHOOD EDUCATION FOR
TRANSFER**

Completion of the Associate in Science in Early Childhood Education for Transfer (AS-T in Early Childhood Education) degree provides a clearly articulated curricular track for students who wish to transfer to a California State University under the provisions of SB 1440, the Student Transfer Achievement Reform Act, and for employment in an early care and education program. Students develop skills, knowledge, and attitudes that prepare them to work as teachers of young children or as administrators of ECE programs. This degree exposes them to the core principles and practices of the field in order to build a foundation for their future, personal, academic or vocational paths. Students who successfully complete this degree are guaranteed admission with junior status to the CSU system, but not to a specific campus or major. The student will receive priority admission to the local CSU campus and to a program or major that is similar to his or her community college major or area of emphasis.

The Associate in Science in Early Childhood Education for Transfer (AS-T in Early Childhood Education) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Science in Early Childhood Education for Transfer (AS-T in Early Childhood Education) degree a student must complete the following:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - (B) A minimum of 18 semester units or 27 quarter units in a major or area of

emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

1. Students will integrate needs, characteristics, and multiple influences on the development of children birth to age eight as they develop, implement, and evaluate early childhood program practices.
2. Students will intentionally use systematic observations, documentation, and other assessment strategies in the design, implementation, and evaluation of environments, curricula, and activities that support learning through developmental play and positive learning outcomes.
3. Students will demonstrate positive interaction strategies that support all children’s learning, identity, and self-confidence.
4. Students will develop strategies that promote respectful, reciprocal partnerships between program teachers, families, and their communities.
5. Students will evaluate and incorporate ethical standards and professional behaviors that deepen understanding, knowledge, and commitment to the early childhood profession.

Required Courses	units
CFE 101, Introduction to Early Childhood Education	3
CFE 102, The Developing Child	3
CFE 103, The Child in Family & Community Relationships	3
CFE 105, Discovery-Based Education for Children	3
CFE 116, Diversity in Early Childhood Education	3
CFE 201, Child Development Practicum-Observation & Assessment	3
CFE 202, Child Development Practicum-Emergent Leadership	3
CFE 211, Health, Safety & Nutrition for the Young Child	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
CFE 101, Introduction to Early Childhood Education	3
CFE 102, The Developing Child (CSU GE Area D7)	3
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area D	3
CSU GE requirement Area C1	3
Total 15	

Second Semester	units
CFE 103, The Child in Family & Community Relationships	3
CFE 105, Discovery-Based Education for Children	3
CSU GE requirement Area B1/B3	3-4
CSU GE requirement Area B4	3-5
CSU GE requirement Area A1 (COMM 101 or COMM 103)	3
Total 15-17	

Third Semester	units
CFE 116, Diversity in Early Childhood Education	3
CFE 201, Child Development Practicum-Observation & Assessment	3
CSU GE requirement Area A3	3
CSU GE requirement Area D	3
CSU GE requirement Area E	3
Total 15	

Fourth Semester	units
CFE 202, Child Development Practicum-Emergent Leadership	3
CFE 211, Health, Safety & Nutrition for the Young Child	3
CSU GE requirement Area C	3
CSU GE requirement Area C2	3
CSU GE requirement Area B2/B3	3-4
Total 15-16	

**CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to reach Degree Total 60**

*Electives should be taken from other courses within the discipline.

ASSOCIATE IN ARTS IN ENGLISH FOR TRANSFER

The Associate in Arts in English for Transfer (AA-T) degree offers students a program of study exploring the cultural aspects and aesthetic features of textual expression. Authorial persona and performance, reader response and interpretation, literary traditions, critical approaches, and interdisciplinary analyses are some of the contexts studied. Students will enhance their own expressive and reasoning abilities as they examine the social role and impact of narrative, expository, and visual texts.

The Associate in Arts in English for Transfer (AA-T in English) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Arts in English for Transfer (AA-T in English) degree a student must complete the following:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

1. Students in program courses will enter and participate in the academic community by first understanding the impact of professional discourse, the role of rhetoric, and the function of research.

2. Students in program courses will demonstrate the ability to access, read, interpret, analyze, and evaluate textual materials across traditions, genres, and media, with critical attention to both diversity and complexity.
3. Students in program courses will develop both an awareness of different audiences and the persuasive skills needed to deliver effective arguments and verbal presentations.

Required Courses **units**
 ENGL 102, Critical Thinking and Literature 3
 ENGL 103, Critical Thinking and Research 3

Required Electives A **units**
 Select 6 units from the following:
 ENGL 221, American Literature, 1400-1865 3
 ENGL 222, American Literature, 1865-Present 3
 ENGL 225, English Literature, 800-1750 3
 ENGL 227, English Literature, 1750-Present 3
 ENGL 230, World Literature 1 3
 ENGL 231, World Literature 2 3

Required Electives B **units**
 Select 3 units from the following or any course from List A not already used:
 ENGL 111, Creative Writing: Fiction 3
 ENGL 112, Creative Writing: Poetry 3
 ENGL 113, Creative Writing: Nonfiction 3
 ENGL 240, Studies in Poetry 3
 ENGL 242, Studies in Fiction 3
 ENGL 246, Studies in Drama 3

Required Electives C **units**
 Select 3 units from the following or any course from List A or List B not already used:
 ENGL 235, Shakespeare: Tragedies and Histories 3
 ENGL 236, Shakespeare: Comedies, Romances, and Sonnets 3
 ENGL 250, Cross-Cultural Literature in America 3
 ENGL 253, African American Literature 3
 ENGL 256, Hispanic and Latin American Literatures 3
 ENGL 257, Native American Literature 3
 ENGL 259, Gender, Image, and Rhetoric 3
 ENGL 265, Literature and Film 3

ENGL 279, Science Fiction and Dystopic Literature	3
ENGL 299, Special Topics in Literature	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester units

CSU GE requirement Area A1 (COMM 101 or COMM 103)	3
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area B4	3-5
CSU GE requirement Area C1	3
CSU GE requirement Area E	3

Total 15-17

Second Semester units

ENGL 102, Critical Thinking and Literature (CSU GE Area A3)	3
Required Elective A (CSU GE Area C2)	3
CSU GE requirement Area B1/B3	3-4
CSU GE requirement Area B2/B3	3-4
Electives	1-3

Total 15

Third Semester units

ENGL 103, Critical Thinking and Research	3
Required Elective A (CSU GE Area C2)	3
CSU GE requirement Area D	3
CSU GE requirement Area D	3
Electives	1-3

Total 15

Fourth Semester units

Required Elective B	3
Required Elective C	3
CSU GE requirement Area D	3
Electives	6

Total 15

**CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to
reach Degree Total 60**

*Electives should be taken from other courses within the discipline.

ASSOCIATE IN ARTS IN GEOGRAPHY FOR TRANSFER

The Associate in Arts in Geography for Transfer (AA-T in Geography) degree will prepare students to seamlessly transfer to a baccalaureate program in geography at a CSU. The program provides students with a well-rounded introduction to the physical and social science aspects of geography as well as the technology and techniques used by professional geographers. Students working toward the degree will complete survey courses in the two main sub-disciplines: physical and cultural geography. Students will also have the opportunity to focus their studies on one of these sub-disciplines or to continue a broad study of geography.

The Associate in Arts in Geography for Transfer (AA-T in Geography) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Arts in Geography for Transfer (AA-T in Geography) degree a student must complete the following:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

1. Students will understand the unifying themes of physical geography and have a working knowledge of the discipline's diverse conceptual and methodological approaches.
2. Students will understand the unifying theses of cultural geography and have a working knowledge of the discipline's diverse conceptual and methodological approaches.
3. Display competency in the graphic expression of geographic/spatial data (maps, photographs, graphs, databases).

Required Courses	units
GEOG 101, Physical Geography: Earth's Surface Landscapes	3
GEOG 101L, Physical Geography Lab: Earth's Surface Landscapes	1
GEOG 105, Cultural Geography	3

Required Electives A	units
Select 6-7 units from the following:	
GEOG 102, Physical Geography: Earth's Weather and Climate	3
GEOG 106, California Geography	3
GEOG 110, World Regional Geography	3
GEOG 201, Map Interpretation and GPS	4
GEOG 205, Introduction to Geographic Information Systems	3
GEOG 299, Special Topics – Field Geography	1

Required Electives B	units
Select 6 units from the following or any course from List A not already used:	
ANTH 102, Introduction to Cultural Anthropology	3
GEOL 101, Physical Geology	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
GEOG 101, Physical Geography: Earth's Surface Landscapes (CSU GE Area B1)	3
GEOG 101L, Physical Geography Lab: Earth's Surface Landscapes (CSU GE Area B3)	1
CSU GE requirement Area A1	3
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area B4	3

CSU GE requirement Area E	3
Total 16	

Second Semester	units
Required Elective A: GEOG 102, Physical Geography: Earth's Weather and Climate	
GEOG 105, Cultural Geography (CSU GE Area D5)	3
CSU GE requirement Area A3	3
CSU GE requirement Area B2	3
*Elective	2
Total 14	

Third Semester	units
Required Elective A: GEOG 106, California Geography (CSU GE Area D5)	
CSU GE requirement Area C	3
CSU GE requirement Area C1	3
CSU GE requirement Area C2	3
*Elective	2
Total 14	

Fourth Semester	units
Required Elective A: GEOG 201, Map Interpretation and GPS	
*Elective: GEOG 205, Introduction to Geographic Information Systems	3
Required Elective B: ANTH 102, Introduction to Cultural Anthropology (CSU GE Area D1)	
*Elective: POLS 101 (CSU GE Area D & AIR)	3
*Elective: HIST 107, 108, 109, or 110 (CSU GE Area D & AIR)	3
Total 16	

**CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to reach Degree Total 60**

*Electives should be taken from other courses within the major or recommended course as noted.

ASSOCIATE IN SCIENCE IN GEOLOGY FOR TRANSFER

The Associate in Science in Geology for Transfer (AS-T in Geology) degree provides a path to students who wish to transfer to a CSU campus in Geology and serves the diverse needs of students who wish to obtain a broad and an in-depth understanding of the field. The Associate in Science in Geology for Transfer (AS-T in Geology) degree allows students to learn the fundamental principles and practices of Geology in order to create a solid foundation for

their future personal, academic, or vocational endeavors. The Associate in Science in Geology for Transfer (AS-T in Geology) degree also provides a solid preparation appropriate for a variety of scientific disciplines. The Associate in Science in Geology for Transfer degree (AS-T in Geology) provides students with a major that fulfills the general requirements of the California State University for transfer, and students with the Associate in Science in Geology for Transfer degree (AS-T in Geology) will receive priority admission with junior status to the California State University system.

The Associate in Science in Geology for Transfer (AS-T in Geology) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Science in Geology for Transfer (AS-T in Geology) degree a student must complete the following:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

1. Students will understand the unifying principles of physical and historical geology and have a working knowledge of the discipline's diverse conceptual and methodological approaches.
2. Students will understand the relevance of the scientific method and have a working

knowledge of how the scientific method applies to the study and evaluation of physical and historical geologic principles.

3. Students will be able to comprehend and explain the interrelationships between geology and the other scientific disciplines.

Required Courses	units
GEOL 101, Physical Geology	3
GEOL 101L, Physical Geology Lab	1
GEOL 102, Historical Geology	3
GEOL 102L, Historical Geology Lab	1
CHEM 110, General Chemistry	5
CHEM 120, General Chemistry	5
MATH 150, Calculus and Analytical Geometry	5
MATH 160, Calculus and Analytical Geometry	5

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
CHEM 110, General Chemistry	5
MATH 150, Calculus and Analytical Geometry (CSU GE Area B4)	5
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area D	3
Total 16	
Second Semester	units
CHEM 120, General Chemistry	5
MATH 160, Calculus and Analytical Geometry	5
CSU GE requirement Area A1 (COMM 101 or COMM 103)	3
CSU GE requirement Area D	3
Total 16	
Third Semester	units
GEOL 101, Physical Geology (CSU GE Area B1)	3
GEOL 101L, Physical Geology Lab (CSU GE Area B3)	1
CSU GE requirement Area A3	3
CSU GE requirement Area E	3
*Electives	2
CSU GE requirement Area C1	3
Total 15	
Fourth Semester	units
GEOL 102, Historical Geology	3
GEOL 102L, Historical Geology Laboratory	1
CSU GE requirement Area C	3
CSU GE requirement Area C2	3

CSU GE requirement Area B2 3
Total 13

**CSU GE or IGETC Pattern 37-39
 CSU Transferrable Elective Units to
 reach Degree Total 60**

*Electives should be taken from other courses within the discipline.

**ASSOCIATE IN ARTS IN HISTORY FOR
 TRANSFER**

The Associate in Arts in History for Transfer (AA-T in History) degree is a comprehensive introductory history program that includes the study of world and Western Civilization as well as American History. The AA-T in History degree is supplemented by substantive courses such as Contemporary United States History; Vietnam; African American History; Women in American History; Cultural History of Mexico; History of California; and the History of Latin America and the Caribbean. These courses cover a wide range of subjects; clearly there is something to satisfy everyone’s interest. Students are encouraged to go beyond simple memorization of names and dates and to actually get involved with the past. Assignments emphasize research skills, speculative analysis, and original thinking and the ability to compare and contrast the past with current events. Students emerge from these classes with the sense that the study and evaluation of the past need not be stagnant; rather it is an ever evolving process.

The Associate in Arts in History for Transfer (AA-T in History) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Arts in History for Transfer (AA-T in History) degree a student must complete the following:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to

the California State University, including both of the following:

- (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
- (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

- (2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

- 1. Identify major individuals and cultural, economic, political, social, and religious events from American History, 1607-present.
- 2. Recognize significant problems arising in American History, 1607-present.
- 3. Evaluate the repetitive cycles of history relevant to American History 1607-present.

Required Courses	units
HIST 107, U.S. History, 1607-1877	3
HIST 108, U.S. History from 1865	3

Required Electives A **units**

Select 6 units from the following:

HIST 101, Western Civilization, From Human Beginnings Until 1750 or HIST 104, Introduction to World Civilizations, From Human Beginnings until 1500	3
HIST 102, Western Civilization, 1750-Present or HIST 105, Introduction to World Civilizations, 1500-Present	3

Required Electives B **units**

Select 3 units from each of the following areas:

Area 1

HIST 104, Introduction to World Civilizations, From Human Beginnings until 1500	3
HIST 105, Introduction to World Civilizations, 1500-Present	3
HIST 110, African American History, 1450-1877	3
HIST 111, African American History, 1877-Present	3

HIST 113, Women in American History	3
HIST 115, Cultural History of Mexico	3
HIST 119, History of Latin America and the Caribbean	3

Area 2

HIST 112, Contemporary U.S. History: Vietnam	3
HIST 114, History of California	3
HIST 118, American West History, 1806-Present	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
HIST 107, U.S. History, 1607-1877 (CSU GE Area D)	3
CSU GE requirement Area A1 (COMM 101 or COMM 103)	3
CSU GE requirement Area B4	3-5
CSU GE requirement Area C2	3
Total 12-14	
Second Semester	units
HIST 108, U.S. History from 1865 (CSU GE Area D)	3
Required Elective A	3
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area B1/B3	3-4
CSU GE requirement Area C1	3
Total 15-16	
Third Semester	units
Required Elective A	3
Required Elective B Area 1	3
CSU GE requirement Area A3	3
CSU GE requirement Area B2/B3	3
CSU GE requirement Area C	3
Total 15	
Fourth Semester	units
Required Elective B Area 2	3
CSU GE requirement Area D	3
CSU GE requirement Area E	3
*Electives	3-6
Total 12-15	

**CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to
reach Degree Total 60**

*Electives should be taken from other courses within the major or foreign language.

ASSOCIATE IN ARTS IN KINESIOLOGY FOR TRANSFER

The Associate in Arts in Kinesiology for Transfer (AA-T) degree offers students a fundamental knowledge of human movement and physical activity. Students will enhance their own understanding of lifetime patterns of physical activity and enhance problem solving and critical thinking by studying concepts and techniques to apply and impart them to the diversity of backgrounds, body types and physical needs.

The Associate in Arts in Kinesiology for Transfer (AA-T in Kinesiology) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Arts in Kinesiology for Transfer (AA-T in Kinesiology) degree a student must complete the following:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

1. Demonstrate, apply and incorporate the physiological aspects of human movement required for understanding the Kinesiology and Exercise Science disciplines.
2. Understand and apply life time skills employed by those in physical fitness,

personal fitness, and coaching careers.

3. Recognize and apply an understanding of the diversity of backgrounds, body types and physical needs relative to Kinesiology.

Required Courses	units
KIN 100, Introduction to Kinesiology	3
BIOL 201, 201L, General Human Anatomy	4
BIOL 202, 202L, General Human Physiology	4

Movement-based Courses

Select a maximum of one course from any three of the following areas for a total of 3 units:

Aquatics:

KIN 102, Water Aerobics	1
KIN 150, Beginning Swimming	1
KIN 151, Intermediate Swimming	1
KIN 152, Advanced Swimming	1

Dance:

DA 103, Beginning Modern Dance	1
DA 106, Ballroom Dance	1

Fitness:

KIN 135, Physical Conditioning	1
KIN 170, Beginning Weight Lifting	1
KIN 173, Intermediate Weight Lifting	1

Individual Sports:

KIN 111, Advanced Tennis Techniques	1
KIN 160, Beginning Tennis	1
KIN 165, Advanced Track Techniques	1

Team Sports:

KIN 112A, Beginning Soccer	1
KIN 112B, Intermediate Soccer	1
KIN 113, Advanced Soccer Techniques	1
KIN 115, Advanced Basketball Techniques	1
KIN 128, Beginning Golf	1
KIN 155, Beginning Volleyball	1
KIN 156, Intermediate Volleyball	1
KIN 157, Advanced Volleyball	1

Required Electives A

Select 6 units from the below list of courses.

MATH 115, Statistics	4
CHEM 110, General Chemistry	5
PHYS 101, General Physics	4
KIN 191, First Aid and Emergency Care	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
BIOL 101 (Prerequisite to BIOL 201)	4
MATH 115, Statistics (Required Elective List A) (CSU GE Area B4)	4
CSU GE requirement Area A1 (COMM 101 or COMM 103)	3
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area E	3
Total	17

Second Semester	units
Required Core Movement-Based Course	1
PHYS 101, General Physics (Required Elective List A) (CSU GE Area B1/B3)	4
CSU GE requirement Area A3	3
CSU GE requirement Area C	3
CSU GE requirement Area C1	3
Total	14

Third Semester	units
BIOL 201, 201L, General Human Anatomy (CSU GE B2/B3)	4
KIN 100, Introduction to Kinesiology	3
Required Core Movement-Based Course	1
CSU GE requirement Area C2	3
CSU GE requirement Area D	3
Elective	1
Total	15

Fourth Semester	units
BIOL 202, 202L, General Human Physiology	4
KIN 191, First Aid and Emergency Care (Required Elective List A)	3
Required Core Movement-Based Course	1
CSU GE requirement Area D	3
CSU GE requirement Area D	3
Total	14

**CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to
reach Degree Total 60**

*Electives should be taken from other courses within the discipline.

ASSOCIATE IN ARTS IN MUSIC FOR TRANSFER

The Associate in Arts in Music for Transfer (AA-T in Music) degree offers an associate of arts degree with a major in Music that transfers completely to UC and CSU schools. It also offers enrichment courses, many of which are

applicable to other associate degrees and meet transfer requirements.

The program features opportunities for non-musicians to become skilled musicians; opportunities for public performances; an integration of college programs with music businesses and the public; performance ensembles such as the Antelope Valley Master Chorale, Concert Choir, Symphonic and Concert Band, and musical theater. The Antelope Valley Symphony Orchestra is an auxiliary of Antelope Valley College that combines students and professional musicians.

The Associate in Arts in Music for Transfer (AA-T in Music) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Arts in Music for Transfer (AA-T in Music) degree a student must complete the following:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) *The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

*This degree may only be earned by completing the California State University General Education – Breadth Requirements. Please consult a counselor for additional information.

Program Learning Outcomes:

1. Students will perform as soloist and in ensemble with the technical skills that produce artistic expression.

2. Students will demonstrate command of the organizing principles of music through written analysis and composition.
3. Students will demonstrate advanced skills in aural analysis and dictation, and music reading.
4. Students will demonstrate advanced skills (such as sight transposition and the performance of prepared piano literature) in keyboard musicianship.
5. Students will be prepared for the required music placement exams associated with transferring to a four year program.

Required Courses

	units
MUS 111, Fundamentals of Music	3
MUS 151, Beginning Music Theory	3
MUS 251A, Intermediate Music Theory	3
MUS 251B, Advanced Music Theory	3
MUS 153, Beginning Musicianship	2
MUS 253A, Intermediate Musicianship	2
MUS 253B, Advanced Musicianship	2

Complete the below list of courses four times:

MUS 291, Applied Music	.5
MUS 292, Applied Music Performance	.5

Large Ensemble

Select 4 units from the following:

	units
MUS 160, Symphonic Band	1
MUS 166, Beginning Orchestra	1
MUS 167, Intermediate Orchestra	1
MUS 181, Master Chorale	1
MUS 185, Concert Choir	1
MUS 260, Concert Band	1
MUS 266, Advanced Orchestra	1
MUSC 173, Beginning Jazz Ensemble	1
MUSC 273, Intermediate Jazz Ensemble	1
MUSC 274, Advanced Jazz Ensemble	1

Although not required to receive the AA-T in Music, students are highly encouraged to take a piano keyboard proficiency exam. To prepare for this exam students should complete the following courses:

MUS 131, Keyboard Skills I	2
MUS 132, Keyboard Skills II	2
MUS 231, Keyboard Skills III	2
MUS 232, Keyboard Skills IV	2

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this

sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
MUS 111, Fundamentals of Music (CSU GE Area C1)	3
MUS 291, Applied Music	.5
MUS 292, Applied Music Performance	.5
Large Ensemble	1
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area B1/B3	3-4
CSU GE requirement Area B2/B3	3-4
Total 15	

Second Semester	units
MUS 151, Beginning Music Theory (CSU GE Area C1)	3
MUS 153, Beginning Musicianship	2
MUS 291, Applied Music	.5
MUS 292, Applied Music Performance	.5
Large Ensemble	1
CSU GE requirement Area A1 (COMM 101 or COMM 103)	3
CSU GE requirement Area B4	3
CSU GE requirement Area D	3
Total 16	

Third Semester	units
MUS 251A, Intermediate Music Theory	3
MUS 253A, Intermediate Musicianship	2
MUS 291, Applied Music	.5
MUS 292, Applied Music Performance	.5
Large Ensemble	1
CSU GE requirement Area D	3
CSU GE requirement Area D	3
CSU GE requirement Area C2	3
Total 16	

Fourth Semester	units
MUS 251B, Advanced Music Theory	3
MUS 253B, Advanced Musicianship	2
MUS 291, Applied Music	.5
MUS 292, Applied Music Performance	.5
Large Ensemble	1
CSU GE requirement Area A3	3
CSU GE requirement Area E	3
Total 13	

CSU GE Pattern 39
CSU Transferrable Elective Units to reach Degree Total 60

ASSOCIATE IN ARTS IN PHILOSOPHY FOR TRANSFER

The Associate in Arts in Philosophy for Transfer (AA-T in Philosophy) degree offers students a fundamental understanding of the main fields of Philosophy, including logic, ethics, epistemology, metaphysics, social and political philosophy, aesthetics, and philosophy of religion. While being exposed to a wide spectrum of major philosophical theories, students have the opportunity to discuss how philosophical issues and problems are related to their personal lives, clarifying their own values and developing their reasoning capabilities.

The Associate in Arts in Philosophy for Transfer (AA-T in Philosophy) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Arts in Philosophy for Transfer (AA-T in Philosophy) degree a student must complete the following:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

- 1. Students will describe accurately, explain clearly, and evaluate fairly various classical and contemporary philosophical issues, concepts, and theories.

- Students will be able to identify, to interpret, to reconstruct and to evaluate arguments and non-arguments such as explanations from different disciplines and perspectives logically and quantitatively.
- Students will be able to present well-reasoned and clear arguments to support their positions on philosophical issues or social controversies theoretically and factually.

Required Courses **units**

Select 6 units from the following:

PHIL 110, Introduction to Logic	3
PHIL 106, Introduction to Philosophy or PHIL 105, Ethics: Moral Issues in Contemporary Society	3

Required Electives A **units**

Select 3 units from any course in the Required Core not already used or the following:

PHIL 201, Critical Thinking	3
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Required Electives B **units**

Select 6 units from any course in Required Electives List A not already used and the following:

PHIL 108, Philosophy of Religion	3
HIST 101, Western Civilization, From Human Beginnings Until 1750	3
HIST 102, Western Civilization, 1750-Present	3

Required Electives C **units**

Select 3 units from any course in Required Electives Group A and Group B not already used or the following:

PHIL 109, World Religions	3
ENGL 230, World Literature 1	3
ENGL 231, World Literature 2	3
ENGL 250, Cross-Cultural Literature in America	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
CSU GE requirement Area A1 (COMM 101 or COMM 103)	3
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area B4	3-5

CSU GE requirement Area C1	3
CSU GE requirement Area E	3
Total	15-17

Second Semester **units**

PHIL 105, Ethics: Moral Issues in Contemporary Society (CSU GE Area C2)	3
PHIL 106, Introduction to Philosophy (CSU GE Area C2)	3
Required Elective B (CSU GE Area D)	3
CSU GE requirement Area B1/B3	3-4
CSU GE requirement Area B2/B3	3-4
Total	15-16

Third Semester **units**

PHIL 110, Introduction to Logic (CSU GE Area A3)	3
Required Elective A	3
CSU GE requirement Area D	3
*Electives	5
Total	14

Fourth Semester **units**

Required Elective B	3
Required Elective C	3
CSU GE requirement Area D	3
*Electives	5
Total	14

CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to
reach Degree Total 60

*Electives should be taken from other courses within the discipline.

**ASSOCIATE IN SCIENCE IN PHYSICS
FOR TRANSFER**

The Associate in Science in Physics for Transfer (AS-T in Physics) degree offers students a fundamental knowledge of Physics and its relation to science, technology, and engineering. Students will enhance their problem solving and critical thinking skills by applying mathematical models to real world problems or utilizing mathematical objects and theorems to evaluate the validity of a statement or to prove mathematical statements.

The Associate in Science in Physics for Transfer (AS-T in Physics) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended

to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Science in Physics for Transfer (AS-T in Physics) degree a student must complete the following:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (A) *The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.
 - (B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

*This degree may only be earned by completing the The Intersegmental General Education Transfer Curriculum (IGETC) requirements. Please consult a counselor for additional information.

Program Learning Outcomes:

1. Students will demonstrate an understanding of the fundamental principles and concepts of physics that include mechanics, electromagnetism, thermodynamics, modern physics, and quantum mechanics.
2. Students will competently apply this knowledge and analyze physical systems by constructing mathematical models in which the identify the essential aspects of a problem, formulate a strategy for solution, make appropriate approximations, evaluate the correctness of their solution, and communicate their work clearly.
3. Students will use basic computational techniques for modeling physical systems including those that don't have analytical answers.
4. Students will explore physical systems by setting up experiments, collecting and

analyzing data, identifying sources of uncertainty, and interpreting their results in terms of the fundamental principles and concepts of physics.

5. Students will communicate physics concepts, processes, and results effectively, both verbally and in writing.

Required Courses	units
PHYS 110, General Physics	5
PHYS 120, General Physics	5
PHYS 211, General Physics	5
MATH 150, Calculus and Analytic Geometry	5
MATH 160, Calculus and Analytic Geometry	5
MATH 250, Calculus and Analytic Geometry	5

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study

First Semester	units
MATH 150, Calculus and Analytic Geometry (IGETC Area 2A)	5
IGETC requirement Area 1A (ENGL 101)	3
IGETC requirement Area 3B	3
IGETC requirement Area 4	3
Total 14	

Second Semester	units
MATH 160, Calculus and Analytic Geometry	5
PHYS 110, General Physics (IGETC Area 5A/5C)	5
IGETC requirement Area 1C (COMM 101 or COMM 103)	3
IGETC requirement Area 4	3
Total 16	

Third Semester	units
MATH 250, Calculus and Analytic Geometry	5
PHYS 120, General Physics	5
IGETC requirement Area 1B	3
IGETC requirement Area 4	3
Total 16	

Fourth Semester	units
PHYS 211, General Physics	5
IGETC requirement Area 3	3
IGETC requirement Area 3A	3
IGETC requirement Area 5B	3
Total 14	

**CSU Transferrable Elective Units to
reach Degree Total 60**

**ASSOCIATE IN ARTS IN PSYCHOLOGY
FOR TRANSFER**

The Associate in Arts in Psychology for Transfer (AA-T in Psychology) offers students a fundamental knowledge of the field of Psychology and the various branches including scientific and research methods, counseling, biopsychology, psychological development across the lifespan, mental disorders and the relationship to sociology. Further students will gain the knowledge to apply psychological theories to their personal lives and current societal issues.

The Associate in Arts in Psychology for Transfer (AA-T in Psychology) degree meets the requirements of SB 1440 for Associate Degrees for Transfer (ADT). These degrees are intended to make it easier for students to transfer to California State University campuses, but do not exclude admittance to other colleges or universities.

To earn an Associate in Arts in Psychology for Transfer (AA-T in Psychology) degree a student must complete the following:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis.

Program Learning Outcomes:

1. Write an APA style research report that synthesizes a body of research findings and tests hypotheses with the appropriate research methodology.
2. Critically evaluate the design, methodology, findings, and generalizability of research reports.
3. Explain the basic principles of the scientific method, the ethical treatment of human and animal participants, as well as the institutional requirements for conducting research.

Required Courses	units
MATH 115, Statistics	3
PSY 101, General Psychology	3
PSY 200, Introduction to Research Methods in Psychology	3

Required Electives A	units
Select 3 units from the following:	
PSY 201, Biological Psychology	3

Required Electives B	units
Select 3 units from the following:	
PSY 236, Developmental Psychology	3
PSY 244, Introduction to Counseling	3

Required Electives C	units
Select 3 units from the following or any course from List B not already used:	
PSY 212, Human Sexuality	3
PSY 230, Social Psychology	3
PSY 232, Theories of Personality	3
PSY 233, Personal and Social Adjustment	3
PSY 234, Abnormal Psychology	3
PSY 235, Child Psychology	3

Except in cases of prerequisite requirement, it is not required that courses be taken in exactly this sequence; they are recommended in this order to facilitate success.

Recommended Plan of Study	
First Semester	units
MATH 115, Statistics (CSU GE Area B4)	4
CSU GE requirement Area A2 (ENGL 101)	3
CSU GE requirement Area C1	3
*Electives: POLS 101 (CSU GE Area D & AIR)	3
Total	13

Second Semester	units
PSY 101, General Psychology (CSU GE Area D)	3
CSU GE requirement Area A1	3
CSU GE requirement Area A3	3
CSU GE requirement Area C2	3
*Electives	3
Total 15	

Third Semester	units
PSY 200, Intro. to Research Methods in Psychology	3
Required Electives B	3
Required Electives C	3
BIOL 102, Human Biology (CSU GE Area B2)	4
CSU GE requirement Area C	3
Total 16	

Fourth Semester	units
PSY 201, Intro. to Physiological Psychology (List A)	3
CSU GE requirement Area B1	3
CSU GE requirement Area E	3
*Electives: HIST 107, 108, 109, or 110 (CSU GE Area D & AIR)	3
*Electives	3-4
Total 15-16	

CSU GE or IGETC Pattern 37-39
CSU Transferrable Elective Units to reach Degree Total 60

*Electives should be taken from other courses within the major, foreign language or recommended course as noted.

In addition to program revisions, Antelope Valley College has adopted and revised courses for the 2014-2015 academic year. The course updates have been designed to facilitate student success in achieving their academic goals while at the college. Refer to the 2014-2015 AVC catalog for all other course information.

RADIOLOGIC TECHNOLOGY

RADT 103 RADIOGRAPHIC POSITIONING AND PROCEDURES I

10 units

3 hours lecture weekly

21 hours clinic weekly

Limitation on Enrollment: Formal admission to Radiologic Technology Program.

Prerequisite: Completion of RADT 101 and RADT 102 with a grade of "C" or better, and Eligibility for MATH 102.

Corequisite: Concurrent enrollment in RADT 104.

This course provides beginning theory, lab, and clinical practice in radiographic positioning and procedures of the respiratory system, bony thorax, lower and upper extremities and related joints, and abdominal cavity. Portable and trauma radiography are included. (CSU, AVC)

RADT 106 RADIOGRAPHIC CLINICAL PRACTICUM IA

2 units

6 hours weekly

Limitation on Enrollment: Formal admission to Radiologic Technology Program.

Prerequisite: Completion of RADT 103, and RADT 104 with a grade of "C" or better, and Eligibility for MATH 102.

This course provides supervised practice in clinical settings to improve skills in basic radiographic procedures. (CSU, AVC)

RADT 107 RADIOGRAPHIC POSITIONING AND PROCEDURES II

10 units

3 hours lecture weekly

21 hours clinic weekly

Limitation on Enrollment: Formal admission to Radiologic Technology Program.

Prerequisite: Completion of RADT 106 with a grade of "C" or better.

Corequisite: Concurrent enrollment in RADT 108 and RADT 109.

This course provides theory, laboratory, and clinical practice in positioning for the cranium, facial bones, sinuses, vertebral column and contrast procedures for the gastrointestinal and genitourinary tracts. (CSU, AVC)

RADT 201 RADIOGRAPHIC CLINICAL PRACTICUM III

5 units

15 hours weekly

Limitation on Enrollment: Formal admission to Radiologic Technology Program.

Prerequisite: Completion of RADT 107, RADT 108 and RADT 109 with a grade of "C" or better.

Supervised clinical experiences are provided to perfect skills in a variety of radiographic procedures. Students will have opportunities to enhance basic skills, positioning techniques, patient care, and clinical operations. (CSU, AVC)

RADT 205 RADIOGRAPHIC CLINICAL PRACTICUM IV

2 units

6 hours weekly

Limitation on Enrollment: Formal admission to Radiologic Technology Program.

Prerequisite: Completion of RADT 202, RADT 203, RADT 204 and RADT 210 with a grade of "C" or better.

This course provides supervised clinical practice in various clinical settings. Students will have opportunities to perfect positioning skills, image analysis and patient care techniques learned in previous theory courses. (CSU, AVC)

SPANISH

SPAN 203 *ADVANCED SPANISH

3 units

3 hours weekly

Prerequisite: Completion of SPAN 202.

Reading and discussion of literary texts. Students will also read contemporary non-literary texts, such as newspapers, magazines and essays on topics of current interest. Course includes advanced vocabulary building, essay writing and critical analysis of literary and non-literary texts. The course will be conducted entirely in Spanish. (CSU, UC, AVC)