

# FALL 2012 ONLINE CATALOG ADDENDUM FOR NEW CSU TRANSFER DEGREES

## Associate of Arts and Associate of Science Degrees for Transfer

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an "associate degree for transfer," a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) degrees are intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete a minimum of 60 semester units of CSU-transferable coursework with a minimum GPA of 2.0. This includes completion of the CSU GE pattern or IGETC, and 18 or more units in a major with C grades or better (see major requirements for each degree for details). There are no additional graduation requirements for AA-T or AS-T degrees. Students transferring to a CSU campus that does accept the specific AA-T or AS-T earned as preparation for a similar major will be granted priority admission, and will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major, see specific degree requirements for more information where this applies). These degrees may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

At Fullerton College, beginning the Fall 2011-Spring 2012 catalog year, a student could earn an AA-T in Psychology, Sociology, or Communication Studies, or an AS-T in Math. Descriptions of these four programs, including course requirements, are provided alphabetically by discipline in the 2012-2013 Fullerton College catalog as well as in this online catalog addendum.

Thirteen additional majors have been developed and approved by the State Chancellor's Office this summer. Descriptions of these new AA-T and AS-T degrees are included in this 2012-2013 Fullerton College online catalog addendum. These new majors include: Administration of Justice, Art History, Business Administration, Early Childhood Education, Elementary Teacher Education, English, Geology, History, Kinesiology, Music, Physics, Political Science, and Studio Arts. We will post the description of our Theatre Arts AA-T as soon as we receive official state approval in September.

Please see a counselor for more information about these new transfer degrees, and for assistance with educational planning and transfer preparation.

## Administration of Justice Associate in Science Degree for Transfer

2S13527

**The Associate in Science in Administration of Justice for Transfer**, also called the Administration of Justice AS-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in Administration of Justice or Criminal Justice. Ed Code Section 66746-66749 states that students earning the Administration of Justice AS-T Degree will be granted priority for admission as an Administration of Justice or Criminal Justice major to a local CSU, as determined by the CSU campus to which the student applies. These courses offer transfer students a choice of three tracks: Criminal Justice, Criminology, or Forensics. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 18 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. This program is designed to be transferable and job oriented. Students seeking employment with a local, state or federal law enforcement agency should specialize in Administration of Justice. The Administration of Justice AS-T Degree requires a total of 18 units of required courses and restricted electives from the categories below as indicated.

<b>Required Core Courses: (6 units)</b>		<b>Units</b>
AJ 100 F	Introduction to Law Enforcement	3
AJ 110AF	Criminal Law	3
<b>List A (select 12 Units)</b>		<b>Units</b>
AJ 102 F	Introduction to Probation and Parole	3
AJ 128 F	Police-Community Relations	3
AJ 140 F	Juvenile Procedures	3
AJ 220 F	Criminal Procedure	3
AJ 222 F	Rules of Evidence	3
AJ 223 F	Criminal Investigation	3
AJ 230 F	Crime Scene Techniques	3
<b>Total Units</b>		<b>18</b>

**Art History Associate in Arts Degree for Transfer**

2A31529

The Art History Associate in Arts Degree for Transfer, also called the Art History AA-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in Art History. This degree requires students to complete 60 CSU transferable units including completion of CSU or IGETC and 18 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. Students earning the Art History AA-T will be granted priority for admission as an Art History major to a local CSU, as determined by the CSU campus to which the student applies. A B.A. in Art History prepares students for employment in curatorial work for the gallery and museum system. In addition, a B.A. in Art History provides a solid foundation for advanced training in the more technical areas of art restoration and conservation, as well an introduction to art theory, methodology, and criticism — areas of study which are key to studies of art at the post-graduate level. The Art History AA-T Degree program requires 18 total units of which 9 units are in required core courses. In addition, a total of 9 units are required from lists of restricted electives.

<b>Required Core Courses (9 Units)</b>		<b>Units</b>
ART 112 F	Art History Ancient to Medieval	3
ART 113 F	Art History Renaissance to Modern	3
ART 182 F	Basic Drawing	3

<b>List A (3 units) Select one:</b>		<b>Units</b>
ART 212 F	Asian Art History	3
ART 116 F	Art History — Mexico	3

<b>List B (3 units) Select one:</b>		<b>Units</b>
ART 120 F	Basic Design	3
ART 150AF	Ceramics: Beginning Handbuilding	3
ART 186AF	Beginning Life Drawing	3
ART 160 F	Fundamentals of Sculpture	3
ACG 100 F	Introduction: Computer Graphics/Mac	3
PHOT 101 F	Introduction to Photography	3
ACG 170 F	Digital Photography	3
ART 121 F	Three-Dimensional Design	3

<b>List C (3 units) Select one:</b>		<b>Units</b>
Any course from List A or List B not already used, <i>or</i>		3
ART 114 F	Art History Impressionism to the Present	3

**Total Units** **18**

**Business Administration Associate in Science Degree for Transfer**

2S31531

The Associate in Science in Business Administration for Transfer, also called the Business Administration AS-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in Business Administration. Ed Code Section 66746-66749 states students earning the Business Administration AS-T degree will be granted priority for admission as a Business Administration major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 27-28 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. Business Administration prepares students to enter the job market with an ability to identify and solve business problems. Coursework provides a solid base of knowledge and understanding of fundamental business aspects, beginning with the basics, and emphasizing a foundation in marketing, advertising, management, human relations, finance, communication, writing, business law and international business. While a baccalaureate degree is recommended preparation for those considering business focused careers, the completion of this curriculum will demonstrate commitment to the business field and provide preparation for upper-division work. The Business Administration AA-T Degree requires a total of 27-28 units of required courses and restricted electives from the categories as indicated below.

<b>Required Core Courses: (17 Units)</b>		<b>Units</b>
ACCT 101AF	Financial Accounting	4
ACCT 101BF	Managerial Accounting	4
ECON 101 F	Principles of Economics — Micro	3
ECON 102 F	Principles of Economics — Macro	3
BUS 241AF	Business Law <i>or</i>	3
BUS 240 F	Legal Environment of Business	3

<b>List A: Select 1 of the following: (4 units, 4 may be GE)</b>		<b>Units</b>
MATH 120 F	Introductory Probability and Statistics	4
MATH 130 F	Calculus for Business	4

<b>List B: Select 2 of the following: (6-7 units)</b>		<b>Units</b>
Any course from List A not already chosen		
CIS 111 F	Introduction to Information Systems	3
BUS 100 F	Introduction to Business	3
BUS 211 F	Writing for Business <i>or</i>	3
BUS 211HF	Honors Writing for Business	3

**Total Units** **27-28**

## **Communication Studies Associate in Arts Degree for Transfer**

2A30803

The Associate in Arts Degree in Communication Studies for Transfer, also called the Communication Studies AA-T Degree, prepares students to transfer to CSUs that offer bachelor's degrees in Communication Studies. Ed Code Section 66746-66749 states students earning the Communication Studies AA-T degree will be granted priority for admission as a Communication Studies major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 19 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. Communication Studies prepares students to identify and solve communication problems, to facilitate effective communication in professional and interpersonal interactions to develop collaborative forms of problem solving and decision making. While a baccalaureate degree is recommended preparation for those considering communication focused careers in fields such as education, training and development, sales, community relations, public relations, the ministry, law, business, entertainment, nonprofit organizations and government, completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for upper-division work. The Communication Studies AA-T Degree requires a total of 19 units of required courses and restricted electives from the categories below as indicated.

<b>Required Course</b>	<b>Units</b>
SPCH 100 F Public Speaking	4

### **Restricted Electives — Category A. Select minimum of 6 units. Students may choose from the following courses:**

	<b>Units</b>
SPCH 105 F Interpersonal Communication	3
SPCH 124 F Small Group Communication	3
SPCH 135 F Essentials of Argumentation	4

### **Restricted Electives — Category B. Select minimum of 6 units. Students may choose from any course not used in List A and/or any of the following courses:**

	<b>Units</b>
SPCH 120 F Intercultural Communication	3
SPCH 138 F Forensics	3
JOUR 110 F Mass Media Survey	3

### **Restricted Electives — Category C. Select 3 units.**

<b>Students may choose from any course not used in Lists A or B or from any of the following courses:</b>		<b>Units</b>
ANTH 102 F	Cultural Anthropology or	3
ANTH 102HF	Honors Cultural Anthropology	3
JOUR 101 F	Reporting and Writing	3
PSY 101 F	General Psychology	3
SOC 101 F	Introduction to Sociology or	3
SOC 101HF	Honors Introduction to Sociology	3
<b>Total Units</b>		<b>19</b>

## **Early Childhood Education Associate in Science Degree for Transfer**

2S31524

The Associate in Science for Transfer in Early Childhood Education, also called the ECE AS-T, prepares students to transfer to CSU campuses that offer bachelor's degrees in Early Childhood Education. Ed Code Section 66746-66749 states students earning the Early Childcare Education AS-T degree will be granted priority for admission as an Early Childcare Education major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 24 units in the major, with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. The ECE AS-T Degree requires a total of 24 units of required courses as listed below. The program is designed to prepare students for working with young children from birth through the age of 8 and for employment in child development programs, public and private pre-schools, and children's centers.

<b>Required Core Courses (24 units)</b>		<b>Units</b>
CDES 110 F	Anti-Bias Perspective Seminar	3
CDES 115 F	Introduction to Early Childhood Education Curriculum	3
CDES 120 F	Child Development	3
CDES 122 F	Principles of Early Childhood Education	3
CDES 125 F	Observation and Assessment for Early Learning and Development	3
CDES 201 F	Child in the Home and Community	3
CDES 215 F	Health, Safety, Food, and Nutrition for Children	3
CDES 225 F	Early Childhood Teaching with Field Experience	3
<b>Total Units</b>		<b>24</b>

## **Elementary Teacher Education** **Associate in Arts Degree for Transfer**

2A31525

The Associate in Arts in Elementary Teacher Education for Transfer (AA-T), also called the Elementary Teacher Education AA-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in Liberal Studies or Integrated Teacher Education Programs. Ed Code Section 66746-66749 states students earning the Elementary Teacher Education AA-T degree will be granted priority for admission as a Liberal Studies or Integrated Teacher Education Program major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 55-56 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. The Elementary Teacher Education AA-T Degree is designed for students who will be transferring to a four-year institution, obtaining a bachelor's degree and pursuing a teaching credential through a California State University (CSU) integrated or traditional teacher preparation program. Course and degree requirements may vary at each CSU campus therefore it is important that students consult with a Fullerton College Teacher Preparation Counselor and respective university transfer representative to confirm program requirements and transferable work. The Elementary Teacher Education AA-T Degree requires a total of 55-56 units of required courses and restricted electives from the categories below as indicated.

<b>Required Core Courses: (49 units)</b>	<b>Units</b>
CDES 261AF Introduction to Elementary Classroom Teaching <i>and</i>	2
CDES 261BF Introduction to Elementary Classroom Teaching: Observation	1
ESC 101 F Earth Science Survey <i>and</i>	3
ESC 101LF Earth Science Survey Lab	1
SPCH 100 F Public Speaking	4
ENGL 100 F College Writing	3
CHEM 101 F Introduction to Chemistry <i>and</i>	5
PHYS 130 F Elementary Physics	4
BIOL 101 F General Biology	5
MATH 203 F Mathematics for Future Elementary Teachers	3
HIST 112 F World Civilizations I	3
ENGL 102 F Introduction to Literature <i>or</i>	3
ENGL 102HF Honors Introduction to Literature	3
GEOG 100 F Global Geography <i>or</i>	3
GEOG 100HF Honors Global Geography	3
POSC 100 F American Government <i>or</i>	3
POSC 100HF Honors American Government	3
HIST 127 F Survey of American History <i>or</i>	3
HIST 170 F History of the United States I	3
CDES 120 F Child Development	3

**List A (3-4 units)**

<b>Select 1 course from the following:</b>	<b>Units</b>
ENGL 103 F Critical Reasoning and Writing	3
ENGL 104 F Critical Thinking and Writing about Literature	3
ENGL 201 F Intermediate College Writing	3
PHIL 172 F Critical Thinking/Writing	3

**List B (3 units)**

<b>Select 1 course from the following:</b>	<b>Units</b>
ART 110 F Introduction to Art	3
DANC 100 F Introduction to Dance Appreciation	3
MUS 116 F Music Appreciation	3
THEA 100 F Introduction to the Theatre	3

**Total Units** **55-56****English Associate in Arts Degree for Transfer**

2A31580

The Associate in Arts in English for Transfer (AA-T), also called the English AA-T Degree, prepares students to transfer to CSUs that offer bachelor's degrees in English. Students earning the English AA-T Degree will be granted priority for admission as an English major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 18 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. This degree is designed to prepare students to read and write about literature critically and to understand key historical and generic influences in the production and reception of literature and other cultural texts. While a baccalaureate degree is recommended preparation for those considering careers in fields such as writing, journalism, education, training and development, sales, community relations, the ministry, law, business, entertainment, nonprofit organizations and government, completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for upper-division work. The English AA-T Degree requires a total of 18-20 units of required courses and restricted electives from the categories below as indicated. (Students interested in completing a B.A. in English at a CSU are strongly encouraged to complete a two-semester survey sequence in American literature, British literature or World literature.)

<b>Required Core: Choose 2 courses from the following list (6 units):</b>	<b>Units</b>
ENGL 103 F Critical Reasoning and Writing <i>or</i>	3
ENGL 103HF Honors Critical Reasoning and Writing <i>or</i>	3
ENGL 201 F Intermediate College Writing <i>and</i>	3
ENGL 102 F Introduction to Literature <i>or</i>	3
ENGL 102HF Honors Introduction to Literature	3

**List A: Choose 2 courses (6 units)**

ENGL 221 F	American Literature to the Civil War	3
ENGL 222 F	American Literature from the Civil War to the Present	3
ENGL 211 F	English Literature to 1800	3
ENGL 212 F	English Literature since 1800	3
ENGL 224 F	World Literature through the Early Modern Period	3
ENGL 225 F	World Literature since the Early Modern Period	3

**List B: Choose one course (3 units) from List B.**

Any course from List A not used above <i>or</i>		
ENGL 207 F	The Short Story	3
ENGL 246 F	The Novel	3
ENGL 204 F	Introduction to Poetry	3
ENGL 203 F	Introduction to Dramatic Literature	3
ENGL 105 F	Introduction to Creative Writing	3

**List C: Choose one course (3-5 units)**

Any course from List A or B not used above <i>or</i>		
CHIN 203 F	Intermediate Chinese — Mandarin III	4
CHIN 204 F	Intermediate Chinese — Mandarin IV	4
ENGL 208 F	Introduction to Film Studies	3
ENGL 210 F	Introduction to Language Structure and Use	3
ENGL 234 F	Introduction to Shakespeare <i>or</i>	3
ENGL 234HF	Honors Introduction to Shakespeare	3
ENGL 239 F	Survey of Children's Literature	3
ENGL 243 F	Folklore and Mythology <i>or</i>	3
ENGL 243HF	Honors Folklore and Mythology	3
ENGL 245 F	The Bible as Literature	3
ENGL 248 F	Science Fiction	3
FREN 203 F	Intermediate French III	4
FREN 204 F	Intermediate French IV	4
GERM 203 F	Intermediate German III	4
GERM 204 F	Intermediate German IV	4
ITAL 203 F	Intermediate Italian III	4
ITAL 204 F	Intermediate Italian IV	4
JAPN 203 F	Intermediate Japanese III	4
JAPN 204 F	Intermediate Japanese IV	4
SPAN 201 F	Spanish for the Spanish Speaker	5
SPAN 203 F	Intermediate Spanish III	4
SPAN 204 F	Intermediate Spanish IV	4
SPAN 205 F	Introduction to Spanish Literature	3
SPAN 206 F	Introduction to Latin American Literature	3
SPAN 207 F	Children's Literature/Spanish	3

**Total Units** **18-20**

**Units****Geology Associate in Science Degree for Transfer**

2S31528

**The Associate in Science Degree in Geology for Transfer (AS-T)**, also called the Geology AS-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in geology. Students earning the Geology AS-T Degree will be granted priority for admission as a Geology major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 26 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. Students with a degree in geology may pursue careers in a variety of industries such as education, environmental technology, mineral (fossil fuels, metals) discovery and extraction, archeology, research, and more. The Geology AS-T Degree requires a total of 26 units of required courses as indicated below. Recommended courses are not required for the degree but are highly recommended if you plan to pursue the Bachelor's in Science degree in geology.

<b>Required Courses (26 units)</b>		<b>Units</b>
ESC 100 F	Physical Geology <i>and</i>	3
ESC 100LF	Physical Geology Lab	1
ESC 103 F	Historical Geology	4
CHEM 111AF	General Chemistry I	5
CHEM 111BF	General Chemistry II	5
MATH 150AF	Calculus I	4
MATH 150BF	Calculus II	4
<b>Recommended* Courses (0-13 units)</b>		<b>Units</b>
BIOL 101 F	General Biology <i>or</i>	5
BIOL 101HF	Honors General Biology	5
PHYS 221 F	General Physics I	4
PHYS 222 F	General Physics II	4
<b>Total Units</b>		<b>26-39</b>

\*Contact your specific transfer institution for more information.

**History Associate in Arts Degree for Transfer**

2A31522

The Associate in Arts Degree in History for Transfer (AA-T), also called the History AA-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in History. Students earning the History AA-T degree will be granted priority for admission as a History major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 18 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. History is the study of change over time. Historians analyze cause and effect, construct narratives from primary sources, and try to explain the actions of people in the past. Students in history courses learn more than dates, names, and events. They also learn how to interpret, debate, and draw conclusions. History majors acquire a broad perspective on the human experience and appreciate how the past shaped the present. A History degree is an excellent general preparation for careers in education, law, historical research, historical preservation, government, journalism, media, and communication. The History AA-T Degree requires a total of 18 units of required courses and restricted electives from the categories below.

<b>Required Core: 6 units</b>	<b>Units</b>
HIST 170 F History of the United States I <i>and</i>	3
HIST 171 F History of the United States II	3

<b>List A: 6 units</b>	<b>Units</b>
HIST 112 F World Civilizations I <i>or</i>	3
HIST 110 F Western Civilization I	3
HIST 113 F World Civilizations II <i>or</i>	3
HIST 111 F Western Civilization II	3

<b>List B, Group 1: Select one course for 3 units</b>	<b>Units</b>
HIST 112 F <i>or</i> HIST 113 F may be used in List B if not used in List A <i>or</i>	3
HIST 154 F Ancient Egypt	3
HIST 160AF Asia: Basic Heritage	3
HIST 160BF Modern China and Japan	3
HIST 165 F Introduction to the Middle East	3
HIST 270 F Women in United States History	3
ETHS 130 F African-American History I	3
ETHS 131 F African-American History II	3
ETHS 141 F Chicana/Chicano History	3
ETHS 160 F History of the Native Americans	3
ETHS 171 F Asian-American History	3

<b>List B, Group 2: Select one course for 3 units</b>	<b>Units</b>
Any List A courses not used above <i>or</i>	
HIST 151 F Survey of British History I	3
HIST 152 F Survey of British History II	3
HIST 162AF History of the Americas I	3
HIST 162BF History of the Americas II	3
HIST 275 F History of California	3

**Total Units** **18**

**Kinesiology Associate in Arts Degree for Transfer**

2A31581

The Associate in Arts Degree in Kinesiology for Transfer (AA-T), also called the Kinesiology AA-T Degree, prepares students to transfer to CSU campuses that offer a bachelor's degree in Kinesiology. Ed Code Section 66746-66749 states that students earning the Kinesiology AA-T Degree will be granted priority for admission as a Kinesiology major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 21-24 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade "C" or better in all major coursework. There are no additional graduation requirements. Students with a degree in Kinesiology may pursue careers in a variety of health science professions including physical training, physical therapy, fitness instruction, coaching and athletics. The completion of this curriculum will demonstrate commitment to the field and provide comprehensive preparation for upper-division work. The Kinesiology AA-T Degree requires a total of 21-24 units in required courses and restricted electives from the categories below as indicated.

<b>Required Courses (15 Units)</b>	<b>Units</b>
WELL 265 F Kinesiology	3
ANAT 231 F General Human Anatomy	4
ANAT 240 F Human Physiology	5

**Movement Based Courses** **3**  
**Take one unit from any three of the following categories:**  
**Aquatics, Combatives, Fitness, Dance, Individual Sports**

<b>Aquatics</b>	<b>Units</b>
PE 134 F Swimming	1
PE 149 F Swim for Fitness	1
PE 151 F Aqua Aerobics	1

<b>Combatives</b>	
PE 103 F Aikido	1
PE 112 F Fencing	1
PE 164 F Tai Chi Chuan	1

<b>Fitness</b>	
PE 102 F Yoga	1
PE 114 F Cardiovascular Conditioning	1
PE 129 F Step Aerobics	1
PE 148 F Non-Impact Aerobics	1
PE 182 F Body Building & Development/Weight Lifting	1
PE 193 F Weight Training/Weight Lifting	1

<b>Dance</b>	
DANC 112 F Jazz II	1

**Individual Sports**

PE 108 F	Bowling	1
PE 117 F	Gymnastics	1
PE 127 F	Racquetball — Indoors	1
PE 124 F	Kayaking	1
PE 142 F	Mountaineering/Rock Climbing	1

**Restricted Electives****Select courses (minimum 6 units)****from the following (6-9 units total)**

	<b>Units</b>	
MATH 120 F	Introductory Probability and Statistics <i>or</i>	4
SOSC 120 F	Introduction to Probability and Statistics <i>or</i>	4
PSY 161 F	Elementary Statistics for Behavioral Science	3
BIOL 102 F	Human Biology <i>and</i>	3
BIOL 102LF	Human Biology Laboratory	1
CHEM 101 F	Introduction to Chemistry <i>or</i>	5
CHEM 111AF	General Chemistry I	5
PHYS 205 F	Physics for the Life Sciences I <i>or</i>	4
PHYS 210 F	Physics with Calculus for the Life Sciences I	4
PE 235 F	First Aid, CPR, & Safety Education	3

**Total Units****21-24****Mathematics Associate in Science Degree for Transfer**

2A30708

**The Mathematics Associate in Science Degree for Transfer (AS-T)**, also called the Mathematics AS-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in mathematics. Students earning the Mathematics AS-T Degree will be granted priority for admission as a Mathematics major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 18 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. Students with a degree in mathematics may pursue careers in a variety of industries such as education, finance, insurance, information technology, engineering and operations, manufacturing, consulting, analysis, research, and more. The Mathematics AS-T Degree requires a total of 18 units of required courses as indicated below.

**Required Courses: (18 units)**

	<b>Units</b>	
MATH 150AF	Calculus I	4
MATH 150BF	Calculus II	4
MATH 250AF	Multivariable Calculus	4
MATH 250BF	Linear Algebra and Differential Equations	4
MATH 250CF	Additional Topics in Linear Algebra	2

**Total Units****18****Music Associate in Arts Degree for Transfer**

2A31530

**The Music Associate in Arts Degree for Transfer (AA-T)**, also called the Music AA-T Degree, prepares students to transfer to California State University campuses that offer bachelor's degrees in Music. Ed Code Section 66746-66749 states that students earning the Music AA-T Degree will be granted priority for admission as a Music major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 23 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. This degree is designed to prepare students to demonstrate competence and discipline in the study of music in all of its facets, read and audiate music, and demonstrate proficiency in ensemble skills and solo performance skills. While a baccalaureate degree is recommended for a possible career in music production, performance, and music education, completion of this curriculum will demonstrate commitment to the serious study of Music in practice and in theory, and provide comprehensive preparation for upper-division work. The Music AA-T Degree program requires 23 units in required courses and restricted electives as indicated below.

**Required Courses: (23 units)**

	<b>Units</b>	
MUS 106 F	Introduction to Music Theory	3
MUS 107AF	Harmony I	3
MUS 107BF	Harmony II	3
MUS 203 F	Counterpoint	3
MUS 104AF	Beginning Musicianship	1
MUS 104BF	Intermediate Musicianship	1
MUS 204AF	Advanced Musicianship	1
MUS 225 F	Applied Music — Private Study	1
MUS 225 F	Applied Music — Private Study	1
MUS 225 F	Applied Music — Private Study	1
MUS 225 F	Applied Music — Private Study	1

**Four semesters of Music ensembles, selected from the list below:****Large Ensembles:**

	<b>Units</b>	
MUS 180 F	Collegiate Chorale	1
MUS 181 F	Women's Chorale	1
MUS 271 F	Fullerton Symphony	1
MUS 274 F	Fullerton College Symphonic Winds	1
MUS 281 F	Concert Choir	1
MUS 282 F	Fullerton Master Chorale	1
MUS 285 F	Chamber Singers	1

<b>Ensembles:</b>	<b>Units</b>
MUS 260 F Guitar Ensemble	1
MUS 261 F String Ensemble	1
MUS 262 F Woodwind Ensemble	1
MUS 263 F Brass Ensemble	1
MUS 264 F Percussion Ensemble	1
MUS 265 F Piano Ensemble	1
MUS 266 F Jazz Combo	1
MUS 268 F Jazz Guitar Ensemble	1
MUS 269 F Alternative Jazz Lab Ensemble	1
MUS 270 F Electronic Music Ensemble	1
MUS 276 F Jazz Band	1
MUS 277 F Jazz Lab Band	1
MUS 287 F Vocal Jazz Ensemble	1
<b>Total Units</b>	<b>23</b>

**The Music Department also recommends successful completion of the following courses in preparation for a transfer to a California State University:**

	<b>Units</b>
MUS 108 F Introduction to Music Technology	2
MUS 116 F Music Appreciation	3
MUS 120 F Survey of Music History	3

**The Music Department also recommends successful completion of MUS 135BF Beginning Piano or successful passage of a Piano Proficiency Exam.**

### **Physics Associate in Science Degree for Transfer**

2S31521

**The Associate in Science Degree in Physics for Transfer (AS-T)**, also called the Physics AS-T Degree, prepares students to transfer to four-year universities that offer bachelor's degrees in physics. A student earning the Physics AS-T Degree will be granted priority for admission as a physics major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU-transferable units including completion of CSU GE or IGETC, 12 units in physics, and 16 units in mathematics with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. The main purpose of an AS-T degree in physics is to provide the lower-division coursework needed in order to continue in a bachelor's-degree program; however, the AS-T also provides valuable quantitative and problem-solving skills that are in demand by employers hiring, e.g., lab technicians, or in a variety of fields such as manufacturing and education. Of people who obtain a terminal bachelor's degree in physics, about half work in industry, in fields such as aerospace, military, software, and electronics. Most of the other half work either as high school teachers or as lab technicians at universities or government-funded laboratories. PhD's in physics are qualified for teaching at the university level and for scientific research, as well as for higher-level jobs in the same areas as those with bachelor's degrees. The Physics AS-T Degree requires a total of 28 units of required courses as indicated below.

<b>Required Courses</b>	<b>Units</b>
PHYS 221 F General Physics I	4
PHYS 222 F General Physics II	4
PHYS 223 F General Physics III	4
MATH 150AF Calculus I	4
MATH 150BF Calculus II	4
MATH 250AF Multivariable Calculus	4
MATH 250BF Linear Algebra and Differential Equations	4
<b>Total Units</b>	<b>28</b>

### **Political Science Associate in Arts Degree for Transfer**

2A31523

**The Associate in Arts Degree in Political Science for Transfer (AA-T)**, also called the Political Science AA-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in political science. Students earning the Political Science AA-T degree will be granted priority for admission as a Political Science major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 18-19 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. Political Science is the scientific study of government. As such, it encompasses a wide range of interdisciplinary subjects, including economics, history, law, and philosophy. One major concern of political science is educating each generation to how democracy works, what are its benefits relative to other governmental systems. Lacking such knowledge can threaten our very existence since democracy is dependent upon a well-informed and civic-minded citizenry. This degree is an excellent general preparation for careers in conflict resolution, criminal justice, diplomacy, education, elections, journalism, the practice of law, public administration and public policy, public service, and research. The Political Science AA-T Degree requires a total of 18-19 units of required courses and restricted electives as listed below.

<b>Required Core: 3 units</b>	<b>Units</b>
POSC 100 F American Government <i>or</i>	3
POSC 100HF Honors American Government	3

<b>List A (select three): 9-10 units</b>	<b>Units</b>
POSC 120 F Introduction to Political Theory	3
POSC 200 F Introduction to the Study of Politics	3
POSC 215 F Comparative Politics	3
POSC 230 F Introduction to International Relations	3
SOSC 120 F Introduction to Probability & Statistics I	4

<b>List B (select two): 6 units</b>	<b>Units</b>
POSC 110 F Contemporary American Politics	3
POSC 150 F California Government and Politics	3
POSC 216 F Government and Politics of the Middle East	3
POSC 275 F Introduction to Public Law	3
<b>Total Units</b>	<b>18-19</b>



## **Psychology Associate in Arts Degree for Transfer**

2A30885

The Associate in Arts Degree in Psychology for Transfer (AA-T), also called the Psychology AA-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in psychology. Students earning the Psychology AA-T degree will be granted priority for admission as a Psychology major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 18-20 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. The scientific field of psychology examines the psychological, cognitive, biological, social and cultural factors that describe, explain and influence behavior. The Psychology AA-T Degree provides students with a background that has both breadth and depth, and focuses on the science, theories and applications of psychology, with an emphasis on CSU transfer requirements. This degree will provide students with an understanding of psychology that prepares him/her for transfer to CSU and a future degree in psychology, a career outside the field of psychology, and an understanding of behavior that is beneficial to one's personal life and professional career outside psychology. The Psychology AA-T Degree requires a total of 18-20 units of required courses and restricted electives from the categories below as indicated.

<b>Required Core Courses (9 units)</b>		<b>Units</b>
PSY 101 F	General Psychology <i>or</i>	3
PSY 101HF	Honors General Psychology	3
PSY 161 F	Elementary Statistics for Behavioral Science	3
PSY 202 F	Research Methods in Psychology	3
<b>List A (3-5 units)</b>		<b>Units</b>
PSY 221 F	The Brain and Behavior	3
BIOL 100 F	Principles of Biology	4
BIOL 101 F	General Biology	5
<b>List B (3 units)</b>		<b>Units</b>
PSY 139 F	Developmental Psychology: Life Cycle	3
PSY 145 F	Child Psychology	3
PSY 222 F	Abnormal Psychology	3
PSY 251 F	Social Psychology	3
PSY 251HF	Honors Social Psychology	3
<b>List C (3 units)</b>		<b>Units</b>
<b>Any course from List B not already used. Or,</b>		
PSY 110 F	Introduction to Applied Psychology	3
PSY 131 F	Cross Cultural Psychology	3
PSY 219 F	The Human Services	3
PSY 120 F	Human Sexuality	3
<b>Total Units</b>		<b>18-20</b>

## **Sociology Associate in Arts Degree for Transfer**

2A30802

The Associate in Arts Degree in Sociology for Transfer (AA-T), also called the Sociology AA-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in sociology. Ed Code Section 66746-66749 states students earning the Sociology AA-T degree will be granted priority for admission as a Sociology major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 19 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. Sociology is the scientific study of human interaction. As such, any topic related to how or why people treat each other in the ways that they do is a legitimate question for sociology. One major concern of sociology is with modern social problems, which include topics such as racism, sexism, poverty, health care, deviance, population and the environment. This degree is an excellent general preparation for careers in social work, personnel and human resources, the criminal justice system, education, marketing research, law firms, political campaigns and journalism. The Sociology AA-T Degree requires a total of 19 units of required courses and restricted electives from the categories below as indicated.

<b>Required Core (3 units)</b>		<b>Units</b>
SOC 101 F	Introduction to Sociology <i>or</i>	3
SOC 101HF	Honors Introduction to Sociology	3
<b>List A (7 units)</b>		<b>Units</b>
SOC 102 F	Social Problems <i>and</i>	3
SOSC 120 F	Introduction to Probability & Statistics I <i>or</i>	4
MATH 120 F	Introductory Probability and Statistics <i>or</i>	4
MATH 120HF	Honors Introductory Probability and Statistics	4
<b>List B (6 units)</b>		<b>Units</b>
SOC 275 F	Marriage and Family <i>or</i>	3
SOC 275HF	Honors Marriage and Family <i>and</i>	3
SOC 292 F	Introduction to Criminology	3
<b>List C (3 units) Select one 3-unit course</b>		<b>Units</b>
SOC 201 F	Dying and Death	3
SOC 225 F	Sociology of Women	3
SOC 225HF	Honors Sociology of Women	3
SOC 250 F	Sociology of Aging	3
SOC 277 F	Sociology of Religion	3
SOC 277HF	Honors Sociology of Religion	3
SOC 285 F	Drugs and Society	3
<b>Total Units</b>		<b>19</b>

## **Studio Arts Associate in Arts Degree for Transfer**

2A31520

**The Associate in Arts Degree in Studio Arts for Transfer (AA-T)**, also called the Studio Arts AA-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in Studio Art. Students earning the Studio Arts AA-T will be granted priority for admission as a Studio Arts major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 24 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of "C" or better in all major coursework. There are no additional graduation requirements. This degree is designed to prepare students to understand and appreciate various art forms and art media, and guide them in choosing an appropriate path for them to follow for the demonstration of their creativity. While a baccalaureate degree is recommended for a possible career in gallery and museum presentation, Art Criticism, Commercial Art, Art Education, and many other Art-related careers, completion of this curriculum will demonstrate commitment to the serious study of Art in practice and in theory, and provide comprehensive preparation for upper-division work. The Studio Arts AA-T Degree program requires 24 total units of which 12 units are in required core courses. In addition, a total of 12 units are required from a list of restricted electives: 3 units in restricted electives required in Art History, and 9 units from a list of Studio Arts restricted elective courses.

### **Core Courses (12)**

<b>Complete the following courses to total 12 units</b>		<b>Units</b>
ART 113 F	Art History Renaissance to Modern	3
ART 120 F	Basic Design	3
ART 121 F	Three-Dimensional Design	3
ART 182 F	Basic Drawing	3

### **List A: Art History Restricted Electives (3)**

<b>Select one course</b>		<b>Units</b>
ART 112 F	Art History Ancient/Medieval	3
ART 212 F	Asian Art History	3
ART 117 F	History of American Art	3

### **List B: Studio Arts Restricted Electives (9)**

<b>Select 3 courses</b>		<b>Units</b>
ART 186AF	Beginning Life Drawing	3
ART 189AF	Beginning Painting	3
ART 131 F	Printmaking	3
ART 150AF	Ceramics: Beginning Handbuilding	3
ART 160 F	Fundamentals of Sculpture	3
ACG 100 F	Introduction: Computer Graphics/Mac	3
ACG 170 F	Digital Photography	3
ART 118 F	Color Theory	3
ART 173 F	Jewelry Casting	3
<b>Total Units</b>		<b>24</b>