

## DEGREE AND CERTIFICATE PROGRAM DESCRIPTIONS

### ACCOUNTING

BUSINESS DIVISION

#### ACCOUNTING (AA)

MAJOR CODE: 0502.00

The Associate of Arts degree in Accounting is primarily designed for career and technical education and workforce training/ development. The curriculum is not aligned with course requirements for transfer to a specific major at a four-year college or university.

This program is designed to prepare the student for entry into the business community in such entry-level positions as bookkeeper, accounting clerk, or assistant auditor. Skills required for maintaining records, controlling finances, and preparing financial reports are taught. Students interested in transferring to a four-year college or university with a major in Accountancy or Business Administration (Accounting-related option) may consider the Associate of Science Degree for Transfer (AS-T) in Business Administration.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- Use formulas and mathematical tools to calculate and solve quantitative problems related to financial and accounting operations of a business workplace.
- Collect and compile financial data for management analysis of service, retail, and manufacturing status of a business.
- Review, refine, and make adjustments in calculations for completion of financial transactions, records, and forms.
- Communicate oral and written thought in a clear and organize manner to effectively inform, persuade, and convey ideas in the workplace.

<b>Required courses</b>	<b>26</b>
ACCTG 001*	Introductory Accounting I 5
ACCTG 002*	Introductory Accounting II 5
BUS 005*	Business Law I 3
CO SCI 901*	Introduction to Computers and Their Use 3
CO SCI 930*	Microcomputer Application Software 4
ECON 001*	Principles of Economics I 3
ECON 002*	Principles of Economics II 3
<b>Elective units (chosen from the following)</b>	<b>9</b>
ACCTG 015	Tax Accounting I 3

ACCTG 020	Managerial Accounting	3
ACCTG 025	Automated Accounting	3
BUS 001*	Introduction to Business	3
BUS 032	Business Communications	3
MGMT 001	Principles of Management	3

**Additional LACCD GE plan units** 18  
(21 units, minus 3 major units that may be double-counted as GE)

**Additional degree-applicable elective units** 7

**TOTAL** 60

#### ACCOUNTING (CA)

MAJOR CODE: 0502.00

All courses must be completed with a grade of "C" or better to count towards the Certificate of Achievement in Accounting. Upon completion of the requirements, a petition for the Certificate of Achievement needs to be filed in the Office of Admissions and Records.

<b>Required courses</b>	<b>26</b>
ACCTG 001*	Introductory Accounting I 5
ACCTG 002*	Introductory Accounting II 5
BUS 001*	Introduction to Business 3
BUS 005*	Business Law I 3
CO SCI 901*	Introduction to Computers and Their Use 3
ECON 001*	Principles of Economics I 3
ECON 002*	Principles of Economics II 3
<b>Elective units (chosen from the following)</b>	<b>9</b>
ACCTG 015	Tax Accounting I 3
ACCTG 020	Managerial Accounting 3
ACCTG 025	Automated Accounting 3
BUS 032	Business Communications 3
MGMT 001	Principles of Management 3
<b>TOTAL UNITS</b>	<b>35</b>

\* Recommended for students also pursuing the Business Administration Degree for Transfer AS-T. It is recommended that students meet with a counselor to develop a Student Educational Plan to align with the Accounting degree and certificate of achievement.

# Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcribed)

## ADDICTION STUDIES

HEALTH SCIENCES DIVISION

(Formerly Alcohol and Drug Studies)

(Also see any of the following health industry programs)

ALLIED HEALTH  
DENTAL ASSISTING  
DENTAL HYGIENE (BS)  
HEALTH SCIENCE  
MEDICAL ASSISTING  
PARAMEDICINE  
PUBLIC HEALTH

### ADDICTION STUDIES (AA)

MAJOR CODE: 2104.40

The Associate of Arts degree in Addiction Studies is primarily designed for career and technical education and workforce training/ development.

The coursework indicated below will prepare students with all necessary coursework to take the written licensing exam for either the California Association of Alcohol and Drug Educators (CAADE) or the California Consortium of Addiction Programs and Professionals (CCAPP). Several classes may be used for continuing education credit for counseling licenses or public safety professions. Not all classes are offered every semester but do alternate each semester.

Students interested in transferring to a four-year college or university should consult the Transfer Center or the Counseling Office for major preparation and general education requirements of the particular transfer institution of their choice.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- Practice Professional ethics and cultural acceptance in a work setting.
- Utilize various counseling techniques and theories to build rapport and create healthy relationships with each client, using skills of effective one-on-one and group counseling to promote self-responsibility and encourage positive change in client.
- Teach effective life, coping, and adjustment strategies.
- Utilize knowledge of the Diagnostic and Statistical Manual and data from intake procedures to identify mental illnesses.
- Assist with creation and implementation of a treatment plan that identifies needs, realistic expectations to be achieved, and necessary referrals.
- Continually self-assess one's psychological state and critically analyze, evaluate, and adopt a variety of

solutions that support one's mental and emotional wellness, effectively manage stress, and avoid burnout.

- Draw on research and knowledge of psychoactive drugs and addiction to serve the needs of the counseling position, the client, and the community.
- Perform administrative tasks, continue to engage with licensing agencies, and maintain continuing education credits.

<b>Required courses</b>	<b>36</b>
ADDICST 001	Understanding Addiction and Counseling 3
ADDICST 002	Biopsychology of Chemical Dependency, Drugs, Behavior, and Health 3
ADDICST 004	Clinical Counseling Law and Ethics 3
ADDICST 005	Principles of Group Dynamics 3
ADDICST 007	Intervention, Treatment, and Recovery 3
ADDICST 010	Addiction and the Family 3
ADDICST 016	Cont. Recovery: Strategies and Skills 3
ADDICST 084	Fieldwork Practicum 3
ADDICST 085	Advanced Fieldwork Practicum 3
PSYCH 001	General Psychology 3
PSYCH 014	Abnormal Psychology 3
SOC 011	Race and Ethnic Relations 3
<b>Additional LACCD GE plan units</b>	<b>18</b>
(21 units, minus 3 major units that may be double-counted as GE)	
<b>Degree-applicable elective units</b>	<b>6</b>
<b>TOTAL</b>	<b>60</b>

### ADDICTION STUDIES (CA)

MAJOR CODE: 2104.40

Students may also earn a Certificate of Achievement in Addiction Studies by completing the 36 unit course requirements listed below. The coursework indicated below will prepare students with all necessary coursework to take the written licensing exam for either the California Association of Alcohol and Drug Educators (CAADE) or the California Consortium of Addiction Programs and Professionals (CCAPP). Several classes may be used for continuing education credit for counseling licenses or public safety professions. Not all classes are offered every semester but do alternate each semester.

<b>Required courses</b>	<b>36</b>
ADDICST 001	Understanding Addiction and Counseling 3
ADDICST 004	Clinical Counseling Law and Ethics 3

# Degree and Certificate Program Descriptions

ADDICST 007	Intervention, Treatment, and Recovery	3
ADDICST 010	Addiction and the Family	3
ADDICST 016	Cont. Recovery: Strategies and Skills	3
ADDICST 084	Fieldwork Practicum	3
ADDICST 085	Advanced Fieldwork Practicum	3
PSYCH 001	General Psychology	3
PSYCH 014	Abnormal Psychology	3
PSYCH 043	Principles of Group Dynamics	3
PSYCH 068	Biopsychology of Chemical Dependency: Drugs, Behavior, and Health	3
SOC 011	Race and Ethnic Relations	3

## ADMINISTRATION OF JUSTICE

BEHAVIORAL SCIENCE DIVISION

(Also see CORRECTIONS)

The Administration of Justice program is a study of the United States of America's criminal justice system used by local, state, and federal level government. Students will learn about the inter- action and relationship of the criminal justice system's three major components: law enforcement, judiciary and corrections. If your goal is to work within the Criminal Justice field, this program will equip you to meet high academic standards and develop professional skills.

West Los Angeles College Administration of Justice program is a state recognized program. Students intending to transfer are advised to pursue the Associate of Science Degree for Transfer (AS-T) in Administration of Justice. In addition to the Associate of Arts Degree in Administration of Justice, we offer other public safety options in both Corrections and Fire Technology. The curriculum is designed to provide students with the education necessary to gain entry into and for career promotion in the criminal justice field. The curriculum is offered on campus or online format.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- Practice and demonstrate behaviors, skills, and knowledge necessary to advance professionally in corrections and law enforcement. (Theme: Professional advancement)
- Identify social, behavioral, historical, and cultural issues to respond to the challenges of work, family, community, and the global world. (Theme: Challenging issues)
- Apply critical thinking to investigate and interpret the influences of hereditary and environmental factors in

assessing and treating criminal behavior. (Theme: Critical thinking, heredity, and environment)

- Pursue continuous educational opportunities on issues related to the current and emerging fields related to criminal justice. (Theme: Research, updates)
- Read, evaluate, and critically analyze current research methodologies; apply select research methodologies to the practice of criminal justice. (Theme: Research methodologies)

## ADMINISTRATION OF JUSTICE (AS-T)

MAJOR CODE: 2105.00

The Associate in Science for Transfer degree in Administration of Justice is designed to address the principles and practices of the criminal justice system. It will serve students who wish to prepare themselves for one of several careers in law enforcement.

The program is an interdisciplinary approach with academic and professional coursework to enhance the students' training. Therefore, the program provides preparation for employment as well as transfer to the CSU.

Students who successfully complete this degree will be admitted to the CSU with a major in Criminal Justice or Criminology, or other closely-related major.

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which campuses accept this degree can be found at <http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

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 and meeting the requirements of an approved transfer model curriculum.
2. Obtainment of a minimum grade point average of 2.0.

<b>Required courses</b>	<b>6</b>
ADM JUS 001 Introduction to Administration Justice	3
ADM JUS 002 Concepts of Criminal Law	3

# Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcribed)

<b>Electives, list A</b> (two of the following courses)	<b>6</b>
ADM JUS 003 Legal Aspects of Evidence	3
ADM JUS 004 Principles & Procedures Justice System	3
ADM JUS 005 Criminal Investigation	3
ADM JUS 008 Juvenile Procedures	3
ADM JUS 067 Community Relations I	3
ADM JUS 075 Introduction to Corrections	3

<b>Electives, list B</b> (two courses of the following courses)	<b>6-7</b>
MATH 227 Statistics	4
PSYCH 001 General Psychology I	3
SOC 001 Introduction to Sociology	3

**Additional CSU GE or IGETC units** 30-33  
(37-39 units, minus 6-7 major units that may be double-counted as GE)

**CSU-transferable elective units** 8-12

**TOTAL** 60

## ADMINISTRATION OF JUSTICE (AA)

**MAJOR CODE: 2105.00**

<b>Required courses</b>	<b>30</b>
ADM JUS 001 Introduction to Administrative Justice	3
ADM JUS 002 Concepts of Criminal Law	3
ADM JUS 003 Legal Aspects of Evidence	3
ADM JUS 004 Principles & Procedures Justice System	3
ADM JUS 005 Criminal Investigation	3
ADM JUS 008 Juvenile Procedures	3
ADM JUS 014 Report Writing for Peace Officers	3
ADM JUS 067 Community Relations I	3
ADM JUS 075 Introduction to Corrections	3
ADM JUS 160 Police Organization & Administration	3

<b>Elective units</b> (chosen from the following)	<b>6</b>
ADM JUS 006 Patrol Procedures	3
ADM JUS 060 Arrest, Search, and Seizure	3
ADM JUS 062 Fingerprint Classification	3

**Additional LACCD GE plan units** 18  
(21 units, minus 3 major units that may be double-counted as GE)

**CSU-transferable elective units** 6

**TOTAL** 60

## FINGERPRINT CLASSIFICATION (SC)

**MAJOR CODE: 2105.01**

<b>Required course</b>	<b>3</b>
ADM JUS 062 Fingerprint Classification	3

## PENAL CODE 832 ARREST COURSE (SC)

**MAJOR CODE: 2105.11**

<b>Required course</b>	<b>3</b>
ADM JUS 060 Arrest, Search, and Seizure	3

## POLICE ORIENTATION AND PREPARATION I (SC)

**MAJOR CODE: 2105.50**

<b>Required courses</b>	<b>15</b>
ADM JUS 001 Intro to Administration of Justice	3
ADM JUS 003 Legal Aspects of Evidence	3
ADM JUS 014 Report Writing for Peace Officers	3
POLI SCI 001 The Government of the U.S.	3
SOC 002 American Social Problems	3

## POLICE ORIENTATION AND PREPARATION II (SC)

**MAJOR CODE: 2105.51**

<b>Required courses</b>	<b>15</b>
ADM JUS 005 Criminal Investigation	3
ADM JUS 006 Patrol Procedures	3
ADM JUS 067 Community Relations I	3
ECON 001 Principles of Economics I	3
PSYCH 001 General Psychology	3

## POLICE ORIENTATION AND PREPARATION III (SC)

MAJOR CODE: 2105.52

Required courses		15
ADM JUS 002	Concepts of Criminal Law	3
ADM JUS 008	Juvenile Procedures	3
BIOLOGY 003A	Intro to Biology-Lecture	3
CO SCI 901	Intro to Computers and Use	3
HEALTH 11	Principles of Healthy Living	3

## POLICE ORIENTATION AND PREPARATION IV (SC)

MAJOR CODE: 2105.53

Required courses		14
ADM JUS 004	Principles/Procedures of Justice	3
ADM JUS 060	Arrest, Search, and Seizure	3
ADM JUS 075	Introduction to Corrections	3
BIOLOGY 003B	Introduction of Biology- Lab	1
HUMAN 060	People and Their World	3
KIN 229	Body Conditioning Skills I	1

## ALLIED HEALTH

HEALTH SCIENCES DIVISION

(Also see any of the following health industry programs)

ADDICTION STUDIES  
DENTAL ASSISTING  
DENTAL HYGIENE (BS)  
HEALTH SCIENCE  
MEDICAL ASSISTING  
PARAMEDICINE  
PHARMACY TECHNICIAN  
PUBLIC HEALTH

## ANTHROPOLOGY

BEHAVIORAL SCIENCE DIVISION

### ANTHROPOLOGY (AA-T)

MAJOR CODE: 2202.00

Anthropology is the study of people, both ancient and contemporary, in their biological, archaeological, cultural, and linguistic context. Anthropology uses a holistic approach to

integrate findings from the social sciences, natural sciences, and the humanities. The Associates of Arts in Anthropology for Transfer is designed to impart to the student the critical importance of understanding the human condition and its relevancy to an increasingly diverse world. Anthropology can lead to professional opportunities within the field, including cultural resource management, conservation, and forensics as well as in research and teaching in university and museum settings. More often it provides a background for further work in other disciplines of the social sciences, humanities, and biological sciences, as well as for professional careers in government, business, law, medicine, social services, and other fields.

Students interested in transferring to a four-year college or university with a major in Anthropology are encouraged to pursue the Associate in Arts for Transfer (AA-T) in Anthropology. Consult the Counseling Office for individualized educational planning and the Transfer Center for complete information regarding transfer requirements.

Professional opportunities include careers in archaeology, linguistics, the social and natural sciences, health care, international affairs, urban renewal, social welfare, museum work, the National Park Service, conservation programs, ergonomics, and forensics.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- Critically analyze anthropological topics.
- Collect and synthesize research data using credible sources to write a cohesive document.
- Demonstrate knowledge necessary to advance academically and professionally in the discipline.
- Collect and synthesize research data using credible sources to write a cohesive document.

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which campuses accept this degree can be found at <http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

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 and meeting the

# Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcribed)

requirements of an approved transfer model curriculum.  
2. Obtainment of a minimum grade point average of 2.0.

<b>Required courses</b>	<b>9</b>
ANTHRO 101 Human Biological Evolution	3
ANTHRO 102 Human Ways of Life: Cultural Anthropology	3
ANTHRO 103 Archaeology: Reconstructing The Human Past	3

<b>Elective list A</b> (one of the following courses)	<b>3-4</b>
ANTHRO 104 Human Language and Communication	3
MATH 227 Statistics	4

<b>Elective list B</b> (one of the following pairs of courses)	<b>3-5</b>
GEOLOGY 001 Physical Geology 1 AND GEOLOGY 006 Physical Geology Laboratory	2
OR EARTH 001 Earth Science 1 AND EARTH 002 Earth Science 2 Laboratory	2

<b>Elective units list C</b> (chosen from the following)	<b>3</b>
ANTHRO 121 Anthropology of Religion, Magic & Witchcraft	3
ANTHRO 132 Native People of North America	3

**Additional CSU GE or IGETC units** 23-29  
(37-39 units, minus 9-16 major units that may be double-counted as GE)

**CSU-transferable elective units** 11-15

**TOTAL** 60

## ANTHROPOLOGY (AA)

**MAJOR CODE: 2202.00**

<b>Required courses</b>	<b>14</b>
ANTHRO 101 Human Biological Evolution	3
ANTHRO 102 Human Ways of Life: Cultural Anthropology	3
ANTHRO 103 Archaeology: Reconstructing the Human Past	3
ANTHRO 104 Human Language and Communication	3
ANTHRO 111 Human Biology Lab	2

<b>Elective units, list A</b> (chosen from the following)	<b>5-6</b>
ANTHRO 109 Gender, Sex, and Culture	3
ANTHRO 119 Introduction to Forensic Anthropology	2
ANTHRO 121 Anthro of Religion, Magic, Witchcraft	3
ANTHRO 132 Native Peoples of North America	3

<b>Elective units, list B</b> (chosen from the following)	<b>3-5</b>
EARTH 001 Earth Science 1	3
EARTH 002 Earth Science 2 Laboratory	2
GEOLOGY 001 Physical Geology	3
GEOLOGY 006 Physical Geology Lab	2

<b>Recommended Courses</b>	<b>3-4</b>
MATH 227 Statistics	4
PHILOS 008 Deductive Logic	3
PHILOS 009 Symbolic Logic	3

**Additional LACCD GE plan units** 12-15  
(21 units, minus 6-9 major units that may be double-counted as GE)

**Degree-applicable elective units** 21-25

**TOTAL** 60

## ART

ARTS & PERFORMANCE DIVISION

(Also see ART HISTORY)

## STUDIO ARTS (AA-T)

**MAJOR CODE: 1002.00**

The Associate in Arts in Studio Arts for Transfer (AA-T) Degree includes coursework that aligns with lower-division requirements for transfer to various universities within the University of California (UC) and California State University (CSU) systems. Completion of this AA-T program will provide students the ability to demonstrate critical thinking and communication skills.

This degree is designed to provide a clear pathway and guarantee admissions to a CSU. Although, students are guaranteed admissions, it is not to any particular campus or program in the CSU system. Students will be required to meet with a counselor for specific university major preparation at the college of their choice in order to facilitate a seamless transition. This coursework will satisfy the lower division Communication Studies requirements at some of the CSU campuses.

# Degree and Certificate Program Descriptions

Completion of this AA-T program will provide students the foundation to pursue careers in Therapy, library arts, education, graphic design, publishing, advertising, marketing, computer animation, and web design.

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which campuses accept this degree can be found at <http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

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 and meeting the requirements of an approved transfer model curriculum.
2. Obtainment of a minimum grade point average of 2.0.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- Learn the fundamentals of craftsmanship and exemplify competence in the use of tools, materials and concepts.
- Evaluate works of art and design and possess knowledge and mastery of a variety of art making skills.
- Identify major movements in art and architecture and learn to appreciate the diversity of world art and its contribution to the human experience.
- Convey ideas and concepts about artwork through critical discussion and written assignments.
- Explore artistic expression through the analysis of aesthetic and cultural values in two and three dimensional media and convey ideas and concepts about artwork.

<b>Required courses</b>	<b>15</b>
ART 101	Survey of Art History I 3
ART 102	Survey of Art History II 3
ART 201	Drawing I 3
ART 501	Beginning Two-Dimensional Design 3
ART 502	Beginning Three-Dimensional Design 3

<b>Elective units</b> (chosen from the following)	<b>9</b>
ART 202	Drawing II 3
ART 204	Life Drawing 3
ART 708	Introduction to Ceramics 3
ART 709	Ceramics I 3

**Additional CSU GE or IGETC units** 31-33  
(37-39 units, minus 6 major units that may be double-counted as GE)

**CSU-transferable elective units** 3-5

**TOTAL** 60

## ASSOCIATE IN ARTS DEGREES IN ART

The Associate Degree program in Art is designed for students intending to enter the fields of design, illustration, art history, and art education. The program offers two state-approved degrees: 1) Ceramics, and 2) Drawing and Painting. The program also offers coursework in Computer Graphics/Multimedia and Students interested in transferring to a four-year college or university with a major in Art are encouraged to pursue the Associate in Arts Degrees for Transfer (AA-T) in Art History or Studio Art. Consult the Counseling Office for individualized educational planning and the Transfer Center for complete information regarding transfer requirements. Design.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- Understand form, apply elements of form, demonstrate accuracy, maintain harmony two and three dimensionally, vertically and horizontally. Become confident in fundamentals, placement, and Control. Converse with the language of the arts. Don't be dull. Be original-unique. Secure your technique to equalize and integrate practices.
- Explore new areas of expression. Expose yourself to other fields through art and music. Work in collaboration. Learn to accept criticism. Enhance work with understanding of other areas.
- Be creative. Prepare all aspects personal and professional. Willingness to take risks in work. Be ready for surprises. Risk it all now. Create a competitive portfolio/repertoire. Rearrange everything. Always look at new and old innovative expression.
- Be confident in your area. Self-confidence. Self-esteem. Practice all lessons to mastery. Keep looking. Be aware and learn program upgrades. Learn time-management. Develop discipline of working every day. Have fun with problem solving. Solve your problems with fresh combinations. Illustrate with color. Develop individual creative routine.
- Analyze everything you see in the real world. Always experiment with new visual/aural combinations. Overlap and combine elements. Refine your work. Use imagination. Trust inspiration-breathe.

# Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcribed)

- Assessment will be by a portfolio of student work evaluated by the instructor.

## ART – CERAMICS (AA)

MAJOR CODE: 1002.30

<b>Required courses</b>	<b>30</b>
ART 101 Survey of Art History I	3
ART 102 Survey of Art History II	3
ART 201 Drawing I	3
ART 202 Drawing II	3
ART 501 Beginning Two-Dimensional Design	3
ART 502 Beginning Three-Dimensional Design	3
ART 708 Introduction to Ceramics	3
ART 709 Ceramics I	3
ART 710 Ceramics II	3
ART 711 Ceramics III	3

**Additional LACCD GE plan units** 18  
(21 units, minus 3 major units that may be double-counted as GE)

**Degree-applicable elective units** 12

**TOTAL** 60

## ART – DRAWING & PAINTING (AA)

MAJOR CODE: 1002.10

<b>Required courses</b>	<b>18</b>
ART 101 Survey of Art History I	3
ART 102 Survey of Art History II	3
ART 201 Drawing I	3
ART 202 Drawing II	3
ART 501 Beginning Two-Dimensional Design	3
ART 502 Beginning Three-Dimensional Design	3

<b>Elective units</b> (chosen from the following)	<b>12</b>
ART 117* Meso-American Art: Olmec to Aztec	3
ART 115* History of Modern Art	3
ART 103* Art Appreciation	3
ART 111* History of Contemporary Art	3
ART 204* Life Drawing I	3
ART 205 Life Drawing II	3
ART 300 Introduction to Painting	3
ART 301 Water Color Painting I	3
ART 302 Water Color Painting II	3
ART 307 Oil Painting I	3

\* Courses align with the Studio Arts Associate Degree for Transfer

**Additional LACCD GE plan units** 18  
(21 units, minus 3 major units that may be double-counted as GE)

**Degree-applicable elective units** 12

**TOTAL** 60

## COMPUTER GRAPHIC ARTS (SC)

MAJOR CODE: 1030.22

<b>Required courses</b>	<b>15</b>
ART 201 Drawing I	3
	OR
ART 501 Beginning Two-Dimensional Design	3
ART 633 Introduction to Computer Graphics	3
ART 635 Desktop Publishing Design	3
ART 639 Introduction to Digital Imaging	3
ART 641 Advance Desktop Publishing	3

## ART HISTORY

ARTS AND PERFORMANCE DIVISION

(Also see ART)

## ART HISTORY (AA-T)

MAJOR CODE: 1001.00

The Associate in Arts in Art History for Transfer (AA-T) is a degree that provides a solid lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor's degree in Art History. This degree is designed to provide a clear pathway to a CSU and guarantee admission to a CSU. Although, students are guaranteed admission, it is not to any particular campus or program in the CSU system. Students will be required to meet with a counselor for specific university major preparation at the college of their choice in order to facilitate a seamless transition. This coursework will satisfy the lower division Art History requirements at some of the CSU campuses.

Completion of this AA-T program will provide students the foundation to pursue careers in Therapy, library arts, education, graphic design, publishing, advertising, marketing, computer animation, and web design.

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). Information on which



# Degree and Certificate Program Descriptions

campuses accept this degree can be found at  
<http://www.sb1440.org/>.

Students who complete an ADT and transfer to a similar major at a CSU are guaranteed a pathway to finish their baccalaureate degrees in 60 semester or 90 quarter units. These degrees require students to meet both of the following requirements:

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 and meeting the requirements of an approved transfer model curriculum.
2. Obtainment of a minimum grade point average of 2.0.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- Demonstrate an understanding of works of art and architecture from diverse genres and historical periods.
- Demonstrate familiarity with more than one artistic culture of a particular time and place.
- Utilize critical thinking to discuss and explore basic historical art concepts and terminology.
- Demonstrate mastery of analytical skills such as observation and inductive reasoning in interpreting works of art.
- Learn to apply fundamental art historical terminology when analyzing the principle developments and primary problems of interpretation and an awareness of critical and theoretical perspectives.

<b>Required courses</b>	<b>12</b>
ART 101      Survey of Art History I	3
ART 102      Survey of art History II	3
ART 117      Meso-American Art: Olmec to Aztec	3
ART 201      Drawing I	3
<b>Elective units, list A</b> (chosen from the following)	<b>3</b>
ART 107      Mexican Art Modern	3
ART 111      History of Contemporary Art	3
ART 501      Beginning Two- Dimensional Design	3
ART 502      Beginning Three-Dimensional Design	3
ART 204      Life Drawing	3
ART 708      Introduction to Ceramics	3
ART 709      Ceramics I	3
<b>Elective units, list B</b> (chosen from the following)	<b>3</b>
Any course from List A not already used, or	
ART 115      History of Modern Art	3
ART 103      Art Appreciation	3
ART 111      History of Contemporary Art	3

<b>Additional CSU GE or IGETC units</b> (37-39 units, minus 3-6 major units that may be double-counted as GE)	<b>31-33</b>
<b>CSU-transferable elective units</b>	<b>9-11</b>
<b>TOTAL</b>	<b>60</b>

## AVIATION MAINTENANCE TECHNICIAN

APPLIED TECHNOLOGY DIVISION

The Associate of Science degree and certificates in Aviation Maintenance Technician is primarily designed for career and technical education and workforce training/development. NOTE: Students may receive transfer credit for courses at Cal State San Jose and Cal State Los Angeles, as well as at National University after transfer with an Associate of Science degree.

## AVIATION MAINTENANCE TECHNICIAN (AS)

**MAJOR CODE: 0950.00**

To meet the aerospace industry's demand for well-trained, certificated aircraft mechanics, the college offers an Aviation Maintenance Technician Associate Degree, an Airframe Maintenance Technician Certificate, and an Aircraft Power Plant Technician Certificate. Upon qualifying by written, oral, and practical examinations, students are issued Federal Aviation Administration (FAA) certificates by the FAA.

The Aircraft Maintenance program is a cohort sequenced program with classes starting every eight weeks, with full-time, evening schedules.

Students seeking Federal Aviation Administration (FAA) certification must grant the FAA permission to review their college transcripts for certification purposes.

### CREDIT FOR FAA CERTIFICATES

Please consult with the Chair of the Aviation Department regarding credit for FAA Airframe and/or Power plant license.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- To effectively communicate both verbally and in writing with a variety of personnel using proper terminology, records, and forms.

# Degree and Certificate Program Descriptions

AA-T Associate in Arts Degree for Transfer	CA Certificate of Achievement
AS-T Associate in Science Degree for Transfer	CN Certificate of Completion (noncredit)
AA Associate of Arts degree	CY Certificate of Competency (noncredit)
AS Associate of Science degree	SC Skills Certificate (non-transcribed)

- To be able to apply basic mathematics and graphic principles as used in aviation (aerospace).
- To apply aerodynamic principals in the assembly, repair and maintenance of power plant and aircraft structures.
- Apply basic electrical principals as it applies to electrical and mechanical components. The proper use of the multi-meter is now a FAA requirement.
- To properly inspect, check, service, repair and overhaul airframe and airframe components.
- The proper use of tools, equipment, safety apparel. The proper procedures for safety in and around aircraft and equipment.
- Proper work ethics for independent and collectively working with management, co-workers, and the Federal Aviation Administration in order to maximize efficiency in the work place.
- The student must review the information that will be required by the FAA to pass their required examinations for certification.

<b>Required courses*</b>	<b>72</b>
AVIATEK 001 Maintenance Procedures	4
AVIATEK 002 Maintenance Procedures Lab	2
AVIATEK 003 Basic Aircraft Science	4
AVIATEK 004 Basic Aircraft Science Lab	2
AVIATEK 005 Basic Electricity and Auxiliary Systems	4
AVIATEK 006 Basic Electricity and Auxiliary Systems Lab	2
AVIATEK 007 Electrical and Instrument Systems	4
AVIATEK 008 Electrical and Instrument Systems Lab	2
AVIATEK 009 Assembly, Rigging, and Inspection	4
AVIATEK 010 Assembly, Rigging, and Inspection Lab	2
AVIATEK 011 Aircraft Metal Assembly	4
AVIATEK 012 Aircraft Metal Assembly Lab	2
AVIATEK 013 Hydraulic, Landing Gear, and Fuel Systems	4
AVIATEK 014 Hydraulic, Landing Gear, and Fuel Systems Lab	2
AVIATEK 015 Propeller and Power Plant Systems	4
AVIATEK 016 Propeller and Power Plant Systems Lab	2
AVIATEK 017 Ignition and Fuel Metering Systems	4
AVIATEK 018 Ignition and Fuel Metering Systems Lab	2
AVIATEK 019 Reciprocating Power Plant Overhaul	4
AVIATEK 020 Reciprocating Power Plant Overhaul Lab	2
AVIATEK 021 Power Plant Troubleshooting & Testing	4
AVIATEK 022 Power Plant Troubleshooting & Testing Lab	2
AVIATEK 023** Inspection and Evaluation	4

AVIATEK 024** Inspection and Evaluation Lab	2
<b>Additional LACCD GE plan units</b>	<b>18</b>
(21 units, minus 3 units that may be waived from area E for this "high-unit" major)	
<b>TOTAL</b>	<b>90</b>

\* Must be completed with a grade of "C" or better.  
 \*\* Minimum GPA in all AVIATEK courses of 2.0 is required prior to enrollment in these courses.

## AIRCRAFT POWER PLANT TECHNICIAN (CA)

**MAJOR CODE: 0950.20**

The Power Plant Maintenance Technician program is designed for workforce training and transfer. To meet the aerospace industry's demand for well-trained, certificated aircraft mechanics, the college offers a Power Plant Maintenance Technician Certificate. Upon completion, students qualifying by written, knowledge (oral), and skill (practical) examinations, students are issued Federal Aviation Administration (FAA) certificate by the FAA.

### Gainful Employment

To find information about the careers for which this certificate prepares you, the costs associated with the program, median debt accumulated by students completing the program, and time to completion, please visit the Gainful Employment Disclosure website at: <http://wlaac.edu/Gainful-Employment/index.aspx>.

<b>Required courses</b>	<b>54</b>
AVIATEK 001 Maintenance Procedures	4
AVIATEK 002 Maintenance Procedures Lab	2
AVIATEK 003 Basic Aircraft Science	4
AVIATEK 004 Basic Aircraft Science Lab	2
AVIATEK 005 Basic Electricity and Auxiliary Systems	4
AVIATEK 006 Basic Electricity and Auxiliary Systems Lab	2
AVIATEK 007 Electrical and Instrument Systems	4
AVIATEK 008 Electrical and Instrument Systems Lab	2
AVIATEK 015 Propeller and Power Plant Systems	4
AVIATEK 016 Propeller and Power Plant Systems Lab	2
AVIATEK 017 Ignition and Fuel Metering Systems	4
AVIATEK 018 Ignition and Fuel Metering Systems Lab	2
AVIATEK 019 Reciprocating Power Plant Overhaul	4
AVIATEK 020 Reciprocating Power Plant Overhaul Lab	2

# Degree and Certificate Program Descriptions

AVIATEK 021	Power Plant Troubleshooting & Testing	4
AVIATEK 022	Power Plant Troubleshooting & Testing Lab	2
AVIATEK 023**	Inspection and Evaluation	4
AVIATEK 024**	Inspection and Evaluation Lab	2

## AIRFRAME MAINTENANCE TECHNICIAN (CA)

**MAJOR CODE: 0950.10**

This coursework is designed to improve the knowledge and job skills of Aircraft Maintenance Technicians who are working or wishing to work in the aircraft maintenance industry. Training is given in servicing and overhauls various power plant systems and its components. Aviation Maintenance students use a repair station and three well-equipped laboratories as they work through their hands-on, modularized sequences of courses. This program is certified by the Federal Aviation Association (FAA).

### Gainful Employment

To find information about the careers for which this certificate prepares you, the costs associated with the program, median debt accumulated by students completing the program, and time to completion, please visit the Gainful Employment Disclosure website at: <http://wlaac.edu/Gainful-Employment/index.aspx>.

<b>Required courses</b>		<b>48</b>
AVIATEK 001	Maintenance Procedures	4
AVIATEK 002	Maintenance Procedures Lab	2
AVIATEK 003	Basic Aircraft Science	4
AVIATEK 004	Basic Aircraft Science Lab	2
AVIATEK 005	Basic Electricity and Auxiliary Systems	4
AVIATEK 006	Basic Electricity and Auxiliary Systems Lab	2
AVIATEK 007	Electrical and Instrument Systems	4
AVIATEK 008	Electrical and Instrument Systems Lab	2
AVIATEK 009	Assembly, Rigging, and Inspection	4
AVIATEK 010	Assembly, Rigging, and Inspection Lab	2
AVIATEK 011	Aircraft Metal Assembly	4
AVIATEK 012	Aircraft Metal Assembly Lab	2
AVIATEK 013	Hydraulic, Landing Gear, and Fuel Systems	4
AVIATEK 014	Hydraulic, Landing Gear, and Fuel Systems Lab	2
AVIATEK 023	Inspection and Evaluation	4
AVIATEK 024	Inspection and Evaluation Lab	2

## BIOLOGY

SCIENCE DIVISION

### BIOLOGY (AS-T)

**MAJOR CODE: 0401.00**

The Associate in Science in Biology for Transfer (AS-T) is designed to provide a solid lower-division preparation for students who intend to transfer to a California State University (CSU) for a bachelor's degree in Biology or similar major. This degree is designed to provide a clear pathway to a CSU and guarantee admissions to a CSU. Although, students are guaranteed admissions, it is not to any particular campus or program in the CSU system. Students will be required to meet with a counselor for specific university major preparation at the college of their choice in order to facilitate a seamless transition. This coursework will satisfy the lower division Biology requirements at some of the CSU campuses. Information on which campuses accept this degree can be found at <http://www.sb1440.org/>

This degree complies with The Student Transfer Achievement Reform Act (Senate Bill 1440). To earn an Associate Degree for Transfer, students must meet the following requirements:

- (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both 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
- (3) A grade of "C" or better in all courses required for the major or area of emphasis.

**Program Learning Outcomes:** Upon successful completion of this program, students will be able to...

- Explain how scientists investigate causes of natural biological phenomena.
- Explain how living things are organized, reproduce, acquire matter & energy, and inherit & express genetic instructions.
- Utilize biological information to make informed decisions about environmental issues.
- Utilize biological information to make informed decisions about personal issues.
- Perform basic biological lab procedures.

<b>Required Courses</b>		<b>10</b>
Biology 006	General Biology I	5
Biology 007	General Biology II	5