

# MAJOR REQUIREMENTS

The following section details the required curriculum for West's degree and certificate programs. Students must complete all course requirements to petition for a Skill Certificate or state-approved Certificate of Achievement. In order to be eligible for an Associate degree, students must fulfill all major degree courses, the general education requirements (Plan A, Plan B, IGETC, or CSU Breadth GE), and all other graduation requirements for a total of at least 60 units. Students should refer to "Graduation Requirements" (in the "Academics" section of this catalog) for additional information. Students are also encouraged to seek assistance from counselors and faculty.

The Associate Degree for Transfer (AA-T or AS-T) is a special, new degree offered at California Community Colleges. To pursue this special degree rather than a traditional AA or AS degree, you should meet with a counselor to develop an education plan that puts you on the path toward the AA-T or AS-T degree.

Transfer students should consult the Transfer Center or the Counseling Office for major preparation and general education requirements for the particular transfer institution of their choice.

## ACCOUNTING

BUSINESS DIVISION

### ASSOCIATE DEGREE

#### PROGRAM OVERVIEW

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 Arts degree in Business Administration.

#### PROGRAM LEARNING OUTCOMES (PLOS):

Upon completion of this program, students will:

- 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.

AWARD	TYPE	GRAD PLAN	REQ COURSES UNITS	TOTAL MAJOR UNITS	TOTAL REQ'D UNITS
Accounting	AA	Plan B	32	41+	60+
Accounting	Cert	N/A	34	34	34

+ At least 60 degree applicable units (41 total major units and Plan B units) are required to earn an Associate Degree.

#### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

# MAJOR REQUIREMENTS

## ASSOCIATE OF ARTS DEGREE (rev 4/26/17)

### Accounting

MAJOR CODE: 0502.00

(41 Units and Plan B) + All other West requirements for Associate Degree

REQUIRED COURSES	UNITS
ACCTG 1* Introductory Accounting I	5
ACCTG 2 Introductory Accounting II	5
ACCTG 25 Automated Accounting	3
BUS 32 Business Communications	3
BUS 5 Business Law I	3
CO SCI 930 MicroComputer App Software	4
ECON 1 Principles of Economics I	3
ECON 2 Principles of Economics II	3
MKTG 1 Principles of Selling	3
<b>TOTAL REQUIRED COURSE UNITS</b>	<b>32</b>

\*Accounting 21 plus Accounting 22 are the equivalent of Accounting 1.

#### ELECTIVE COURSES

Choose 9 units from the following:

ACCTG 15 Tax Accounting I	3
ACCTG 20 Managerial Accounting	3
MGMT 1 Principles of Management	3
MKTG 21 Principles of Marketing	3
<b>TOTAL REQUIRED UNITS + 9 ELECTIVE UNITS</b>	<b>41</b>

**TOTAL DEGREE UNITS REQUIRED 60**

### RECOMMENDED COURSE SEQUENCE

### Accounting

MAJOR CODE: 0502.00

SEMESTER 1	UNITS
BUS 5 Business Law I	5
BUS 32 Business Communications	3
GEN ED Any General Education Course	3
GEN ED Any General Education Course	3
<b>TOTAL SEMESTER 1 UNITS</b>	<b>14</b>

SEMESTER 2	UNITS
ACCTG 1* Introductory Accounting I	5
ACCTG 25 Automated Accounting	3
CO SCI 930** MicroComputer App Software	4
GEN ED Any General Education Course	3
<b>TOTAL SEMESTER 2 UNITS</b>	<b>14</b>

SEMESTER 3	UNITS
ACCTG 2 Introductory Accounting II	5
Elective ACCTG 15 or ACCTG 20	3
Elective MGMT 1 or MKTG 21	3
GEN ED Any General Education Course	3
ECON 2 Principles of Economics III	3
<b>TOTAL SEMESTER 3 UNITS</b>	<b>17</b>

SEMESTER 4	UNITS
ECON 1 Principles of Economics I	3
MKTG 1 Principles of Selling	3
Elective LAW 2 or PALGAL 44	3
GEN ED Any General Education Course	3
GEN ED Any General Education Course	3
<b>TOTAL SEMESTER 4 UNITS</b>	<b>15</b>

**TOTAL DEGREE UNITS REQUIRED 60**

\*Accounting 21 plus Accounting 22 are the equivalent of Accounting 1.

\*\*Prerequisite CSIT 901 or equivalent experience.



## CERTIFICATE OF ACHIEVEMENT

### Accounting

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.

REQUIRED COURSES	UNITS
ACCTG 1* Introductory Accounting I	5
ACCTG 2 Introductory Accounting II	5
ACCTG 15 Tax Accounting I	3
ACCTG 25 Automated Accounting	3
BUS 1 Intro to Business	3

## MAJOR REQUIREMENTS

BUS 5	Business Law I	3
CO SCI 901	Introduction to Computers and their Use	3
OR		
CAOT 84	Microcomputer Office Applications: Word Processing	3
<b>TOTAL REQUIRED COURSE UNITS</b>		<b>25</b>

*\*Accounting 21 plus Accounting 22 are the equivalent of Accounting 1.*

<u>ELECTIVE COURSES</u>	<u>UNITS</u>	
<i>Choose 9 units from the following:</i>		
ACCTG 16	Tax Accounting II	3
ACCTG 20	Managerial Accounting	3
MGMT 1	Principles of Management	3
ECON 1	Principles of Economics I	3
MKTG 1	Principles of Selling	3
MKTG 21	Principles of Marketing	3
<b>TOTAL COURSE UNITS + 6 ELECTIVE UNITS</b>		<b>34</b>

### RECOMMENDED COURSE SEQUENCE

<u>SEMESTER 1</u>	<u>UNITS</u>	
BUS 1	Introduction to Business	3
BUS 5	Business Law I	3
CO SCI 901	Intro to Computers and Their Use	3
ACCTG 1*	Introductory Accounting	5
ELECTIVE	Choose 1 Elective Course Above	3
<b>TOTAL SEMESTER 1 UNITS</b>		<b>17</b>
<u>SEMESTER 2</u>	<u>UNITS</u>	
ACCTG 2	Introductory Accounting II	5
ACCTG 15	Tax Accounting I	3
ACCTG 25	Automated Accounting	3
ELECTIVE	Choose 2 Elective Courses Above	6
<b>TOTAL SEMESTER 2 UNITS</b>		<b>17</b>
<b>TOTAL CERTIFICATE UNITS</b>		<b>34</b>

## ADMINISTRATION OF JUSTICE

BEHAVIORAL SCIENCE DIVISION



**Associate Degree  
for Transfer**  
*A Degree with a Guarantee.<sup>SM</sup>*

The Associate of Science degree in Administration of Justice for Transfer 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 the transfer degree in Administration of Justice will be admitted to the CSU with a major in Criminal Justice or Criminology.

Students who successfully complete the Associate in Science degree in Administration of Justice for Transfer will be guaranteed admission to a California State University. The AS degree in Administration of Justice for Transfer meets the requirements for SB1440 for Associate Degrees for Transfer. The degrees were developed to ease the transfer process for students to the CSU.

### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

# MAJOR REQUIREMENTS



## ASSOCIATE OF ARTS DEGREE for TRANSFER (AS-T)

### Administration of Justice

MAJOR CODE: 2105.00

(18 Units) + Completion of CSU Breadth or IGETC

REQUIRED COURSES	UNITS
ADM JUS 1 Introduction to Administration Justice	3
ADM JUS 2 Concepts of Criminal Law	3

#### LIST A: CHOOSE TWO COURSES (6 UNITS)

ADM JUS 3 Legal Aspects of Evidence	3
ADM JUS 4 Principles & Procedures Justice System	3
ADM JUS 5 Criminal Investigation	3
ADM JUS 8 Juvenile Procedures	3
ADM JUS 67 Community Relations I	3
ADM JUS 75 Introduction to Corrections	3

#### LIST B: CHOOSE TWO COURSES (6 UNITS)

MATH 227 Statistics	4
PSYCH 1 General Psychology I	3
SOC 1 Introduction to Sociology	3
<b>TOTAL REQUIRED COURSE UNITS</b>	<b>18 or 19</b>

#### The following requirements must be met:

- Completion of required units for the major (18-19 units)
- Completion of CSU Breadth or IGETC
- Completion of a minimum of 60 CSU-transferable units.
- Maintain a minimum grade point average (GPA) of at least 2.0 in all CSU transferable coursework.
- Complete a minimum of 18 semester units in an "AA-T" or AS-T" major as detailed in the course catalog.
- Each course in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (Title V 55063).
- Be certified as having completed the California State University General Education Breadth pattern (CSU- GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- Students should note that no more than 60 units are required for this degree and that no additional requirements will be imposed by West Los Angeles College.

## ASSOCIATE DEGREE

### PROGRAM OVERVIEW

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 offering both an academic series of courses leading to a transfer to a four-year university and a series of courses leading toward an Associates of Art Degree, Associates Transfer Degree, or Certificate to assist with job placement or career development. 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 (PLOS):

*Upon completion of this program, students will:*

- 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)

# MAJOR REQUIREMENTS

AWARD	TYPE	GRAD PLAN	REQ COURSE S UNITS	TOTAL MAJOR UNITS	TOTAL REQ'D UNITS
Administration of Justice	AA	Plan B	36	36	60+
Administration of Justice	AS-T	GE Plan	18	18	60*
+ At least 60 degree applicable units (36 total major units and Plan B units) are required to earn an Associate Degree.					
* Required course units and completion of CSU Breadth or IGETC Requirements.					

## ASSOCIATE OF ARTS DEGREE

### Administration of Justice

**MAJOR CODE:** 2105.00

*(36 Units, Plan B) + All other West requirements for Associate Degree*

REQUIRED COURSES	UNITS
ADM JUS 1 Introduction to Administrative Justice	3
ADM JUS 2 Concepts of Criminal Law	3
ADM JUS 3 Legal Aspects of Evidence	3
ADM JUS 4 Principles & Procedures Justice System	3
ADM JUS 5 Criminal Investigation	3
ADM JUS 8 Juvenile Procedures	3
ADM JUS 14 Report Writing for Peace Officers	3
ADM JUS 67 Community Relations I	3
ADM JUS 75 Introduction to Corrections	3
ADM JUS 160 Police Organization & Administration	3
<b>TOTAL REQUIRED COURSE UNITS</b>	<b>30</b>
ELECTIVE COURES	UNITS
<i>Choose 6 units from the following:</i>	
ADM JUS 6 Patrol Procedures	3
ADM JUS 60 Arrest, Search, and Seizure	3
ADM JUS 62 Fingerprint Classification	3
<b>TOTAL REQUIRED UNITS + 6 ELECTIVE UNITS</b>	<b>36</b>
<b>TOTAL DEGREE UNITS REQUIRED</b>	<b>60</b>

## RECOMMENDED COURSE SEQUENCE

SEMESTER 1	UNITS
ADM JUS 1 Intro to Administration of Justice	3
ADM JUS 2 Concepts of Criminal Law	3
ADM JUS* ADM Justice Elective	3
ENGLISH 101** College Reading & Composition	3
POLI SCI 1** Government of the United States	3
<b>TOTAL SEMESTER 1 UNITS</b>	<b>15</b>
SEMESTER 2	UNITS
ADM JUS 3 Legal Aspects of Evidence	3
ADM JUS 4 Principles & Procedures Justice System	3
ADM JUS 67 Community Relations I	3
MATH 125** Intermediate Algebra	5
OR	
SOC 1** Intro to Sociology	3
OR	
PSYCH 1 ** General Psychology I	3
<b>TOTAL SEMESTER 2 UNITS</b>	<b>12</b>
SEMESTER 3	UNITS
ADM JUS 5 Criminal Investigation	3
ADM JUS 8 Juvenile Procedures	3
ADM JUS 75 Introduction to Corrections	3
HEALTH 11** Principles of Healthy Living	3
SPANISH 1** Elementary Spanish I	5
<b>TOTAL SEMESTER 3 UNITS</b>	<b>17</b>
SEMESTER 4	UNITS
ADM JUS 14 Report Writing for Peace Officers	3
ADM JUS 160 Police Organization & Administration	3
CO SCI 901** Intro to Computers and Their Use	3
PSYCH 2** General Psychology II	3
ADM JUS* Elective	3
KIN** Kinesiology	1
<b>TOTAL SEMESTER 4 UNITS</b>	<b>16</b>
<b>TOTAL DEGREE UNITS REQUIRED</b>	<b>60</b>

### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

# MAJOR REQUIREMENTS

\* Electives include any Administration of Justice, Corrections, or Fire Technology courses.

\*\* Recommended General Education courses for the Administration of Justice major. See catalog or a counselor for additional choices.

Veterans and law enforcement personnel may petition for a PHYS ED exemption.



## SKILL CERTIFICATES\*

Note: Skill certificates are not state-approved and are not included on transcripts. Only students completing state-approved degrees and/or certificates may participate in commencement.

\*Departments offering Skills Certificates are responsible for their issuance

### Fingerprint Classification

MAJOR CODE: 2105.01

	UNITS
ADM JUS 62 Fingerprint Classification	3
SKILL CERTIFICATE* UNITS REQUIRED	3

### Penal Code 832 Arrest Course

MAJOR CODE: 2105.11

	UNITS
ADM JUS 60 Arrest, Search, and Seizure	3
SKILL CERTIFICATE* UNITS REQUIRED	3

### Police Orientation and Preparation I

MAJOR CODE: 2105.50

	UNITS
ADM JUS 1 Intro to Administration of Justice	3
ADM JUS 3 Legal Aspects of Evidence	3
ADM JUS 14 Report Writing for Peace Officers (See English 130)	3
POLI SCI 1 The Government of the U.S.	3
SOC 2 American Social Problems	3
SKILL CERTIFICATE* UNITS REQUIRED	15

### Police Orientation and Preparation II

MAJOR CODE: 2105.51

	UNITS
ADM JUS 5 Criminal Investigation	3
ADM JUS 6 Patrol Procedures	3
ADM JUS 67 Community Relations I	3
ECON 1 Principles of Economics I	3
PSYCH 1 General Psychology	3
SKILL CERTIFICATE* UNITS REQUIRED	15

### Police Orientation and Preparation III

MAJOR CODE: 2105.52

	UNITS
ADM JUS 2 Concepts of Criminal Law	3
ADM JUS 8 Juvenile Procedures	3
BIOLOGY 3A Intro to Biology-Lecture	3
CO SCI 901 Intro to Computers and Use	3
HEALTH 11 Principles of Healthy Living	3
SKILL CERTIFICATE* UNITS REQUIRED	15

### Police Orientation and Preparation IV

MAJOR CODE: 2105.53

	UNITS
ADM JUS 4 Principles/Procedures of Justice	3
ADM JUS 60 Arrest, Search, and Seizure	3
ADM JUS 75 Introduction to Corrections	3
BIOLOGY 3B Introduction of Biology- Lab	1
HUMAN 60 People and Their World	3
KIN 229 Body Conditioning Skills I	1
SKILL CERTIFICATE* UNITS REQUIRED	14

# ALCOHOL & DRUG STUDIES

HEALTH SCIENCES DIVISION

## ASSOCIATE DEGREE

The Associate of Arts degree in Alcohol and Drug 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 Association of Alcohol and Drug Abuse Counselors (CAADAC). 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 may consider the Associate of Arts degree in Liberal Arts and Sciences with an emphasis in Behavioral and Social Sciences. Students 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 (PLOS):

*Upon completion of this program, students will:*

- 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.

## MAJOR REQUIREMENTS

- Perform administrative tasks, continue to engage with licensing agencies, and maintain continuing education credits.

AWARD	TYPE	GRAD PLAN	REQ COURSES UNITS	TOTAL REQ'D UNITS
Alcohol and Drug Studies	AA	Plan B	36	60+
Alcohol and Drug Studies	Cert	36	36	36

+ At least 60 degree applicable units (36 total major units and Plan B units) are required to earn an Associate Degree.

## ASSOCIATE OF ARTS DEGREE

### Alcohol & Drug Studies

MAJOR CODE: 2104.40

*(36 Units, Plan B) + All other West requirements for Associate Degree*

REQUIRED COURSES	UNITS
PSYCH 1 General Psychology	3
PSYCH 14 Abnormal Psychology	3
PSYCH 37 Psychology of Codependency & Family Systems	3
PSYCH 43 Principles of Group Dynamics	3
PSYCH 63 Alcohol/Drug Studies: Prevention & Edu	3
PSYCH 64 Intro Alcohol and Drug Abuse	3
PSYCH 65 Chemical Dependency: Intervention, Treatment and Recovery	3
PSYCH 67 Counseling Techniques for the Chemically Addicted	3
PSYCH 68 Biopsychology of Chemical Dependency: Drugs, Behavior and Health	3
PSYCH 84 Fieldwork I Alcohol/Drug Studies	3
PSYCH 85 Fieldwork II Alcohol/Drug Studies	3
SOC 1* Intro to Sociology (WLAC Requirement)	3
<b>TOTAL REQUIRED COURSES UNITS</b>	<b>36</b>

### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

## MAJOR REQUIREMENTS

*\*NOTE: All classes are required by CAADE except for SOC 1 which is a WLAC requirement.*

*For RECOMMENDED COURSE SEQUENCE consult a WLAC counselor.*



### CERTIFICATE OF ACHIEVEMENT

#### Alcohol & Drug Studies

MAJOR CODE: 2104.40

Students may also earn a Certificate of Achievement in Alcohol and Drug 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 Association of Alcohol and Drug Abuse Counselors (CAADAC). 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.

#### RECOMMENDED COURSE SEQUENCE

SEMESTER 1		UNITS
PSYCH 1	General Psychology	3
PSYCH 43	Principles of Group Dynamics	3
PSYCH 64	Intro Alcohol and Drug Abuse	3
TOTAL SEMESTER 1 UNITS		9

SEMESTER 2		UNITS
PSYCH 14	Abnormal Psychology	3
PSCYH 65	Chemical Dependency: Intervention, Treatment and Recovery	3
PSYCH 67	Counseling Techniques for the Chemically Addicted	3
TOTAL SEMESTER 2 UNITS		9

SEMESTER 3		UNITS
PSYSCH 37	Psychology of Codependency & Family	3
PSYSCH 63	Alcohol/Drug Studies: Prevention &	3
PSYCH 84	Fieldwork I Alcohol/Drug Studies	3
TOTAL SEMESTER 3 UNITS		9

SEMESTER 4		UNITS
PSYCH 68	Biopsychology of Chemical Dependency: Drugs, Behavior & Health	3
PSCYCH 85	Fieldwork II Alcohol/Drug Studies	3
SOC1	I Intro to Sociology	3
TOTAL SEMESTER 4 UNITS		9

TOTAL CERTIFICATE UNITS 36

*\*NOTE: All classes are required by CAADE except for SOC 1 which is a WLAC requirement.*

## ALLIED HEALTH

See any of the following health industry programs:

- ALCOHOL & DRUG STUDIES
- CERTIFIED NURSING ASSISTANT (CNA)
- DENTAL ASSISTING
- DENTAL HYGIENE
- EMERGENCY MEDICAL TECHNICIAN
- HEALTH
- HEALTH OCCUPATIONS
- MEDICAL ASSISTING
- NURSING, See CNA
- PARAMEDIC
- PHARMACY TECHNICIAN

## ANTHROPOLOGY

BEHAVIORAL SCIENCE DIVISION



Associate Degree  
for Transfer  
*A Degree with a Guarantee.™*

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



# MAJOR REQUIREMENTS

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.

Associates of Arts in Anthropology for Transfer includes course work that aligns with specific lower-division major requirements for the Anthropology major at various universities within the University of California (UC) and California State University (CSU) systems.



## ASSOCIATE OF ARTS DEGREE for TRANSFER (AA-T)

MAJOR CODE: 2202.00

### REQUIRED COURSES UNITS

ANTHRO 102	Human Ways of Life: Cultural Anthropology	3
ANTHRO 101	Human Biological Evolution	3
ANTHRO 103	Archaeology: Reconstructing The Human Past	3

### LIST A SELECT ONE UNITS

ANTHRO 104	Human Language and Communication	3
MATH 227	Statistics	4

### LIST B SELECT ONE TO TWO (3-5 UNITS) UNITS

GEOL 1 & 6	Physical Geology 1	3
	Physical Geology Laboratory	2
EARTH 1 & 2	Earth Science 1	3
	Earth Science 2 Laboratory	2

### LIST C SELECT ONE UNITS

ANTHRO 121	Anthropology of Religion, Magic & Witchcraft	3
ANTHRO 132	Native People of North America	3

**TOTAL FOR MAJOR UNITS** 9-23

**UNITS THAT MAYBE DOUBLE-COUNTED** 9-16

**GENERAL EDUCATION**

**(CSU GE BREADTH)/IGETC** 7-39

**ELECTIVE (CSU TRANSFERABLE) UNITS** 7-20

**TOTAL DEGREE UNITS (MAXIMUM)** 60

## ASSOCIATE DEGREE

### PROGRAM OVERVIEW

The Associate of Arts degree in Anthropology includes coursework that aligns with specific lower-division major requirements for the Anthropology major at various universities within the University of California (UC) and California State University (CSU) systems. Students interested in transferring to a four-year college or university with a major in Anthropology may also consider the Associate of Arts degree in Liberal Arts and Sciences (Behavioral and Social Sciences emphasis).

Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

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 (PLOS):

Upon completion of this program, students will:

- 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.

AWARD	TYPE	GRAD PLAN	REQ COURSES UNITS	TOTAL UNITS
Anthropology	AA	Plan B	23	60+
Anthropology	AS-T	GE Plan	19-23	60
+ At least 60 degree applicable units (23 total major units and Plan B units) are required to earn an Associate Degree.				
* Required course units and completion of CSU Breadth or IGETC Requirements.				

### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

# MAJOR REQUIREMENTS

## ASSOCIATE OF ARTS DEGREE

### Anthropology

MAJOR CODE: 2202.00

(36 Units, Plan B) + All other West requirements for Associate Degree

REQUIRED COURSES	UNITS
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
<b>TOTAL REQUIRED COURSE UNITS</b>	<b>12</b>

5 OR 6 UNITS FROM THE FOLLOWING:	UNITS
ANTHRO 109 Gender, Sex, and Culture	3
ANTHRO 111 Human Biology Lab	2
ANTHRO 119 Introduction to Forensic Anthropology	2
ANTHRO 121 Anthro of Religion, Magic, Witchcraft	3
ANTHRO 132 Native Peoples of North America	3

3 UNITS FROM THE FOLLOWING:	UNITS
HISTORY 1 Introduction to Western Civilization I	3
HISTORY 2 Introduction to Western Civilization II	3
PSYCH 1 General Psychology I	3
SOC 1 Introduction to Sociology	3
SOC 2 American Social Problems	3

### AT LEAST 3 UNITS FROM THE FOLLOWING

BIOLOGY 3A Introduction to Biology	3
ENV SCI 1 The Human Environment: Physical	3
ENV SCI 2 The Human Environment: Biological	3
GEOG 1 Physical Geography	3
GEOLOGY 1 Physical Geology	3

**TOTAL REQUIRED UNITS** 23

RECOMMENDED COURSES	UNITS
CO SCI 901 Introduction to Computers and Their Use	3
MATH 227 Statistics	4
PHILOS 8 Deductive Logic	3
PHILOS 9 Symbolic Logic	3

For RECOMMENDED COURSE SEQUENCE consult a WLAC counselor.

## ART – ALSO SEE STUDIO ART

ARTS & PERFORMANCE DIVISION

### ASSOCIATE DEGREE

#### PROGRAM OVERVIEW

- CERAMICS OPTION
- DRAWING AND PAINTING OPTION

The Associate of Arts degree in Art includes coursework that aligns with specific lower-division major requirements for Art, Art History, Studio Art, and other related majors at various universities within the University of California (UC) and California State University (CSU) systems.

Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

The Associate Degree program in Art has been planned for those intending to enter the fields of design, illustration, art history, and art education. The program offers two state-approved options: 1) Ceramics, and 2) Drawing and Painting. The program also offers coursework in Computer Graphics/Multimedia and Design.

#### PROGRAM LEARNING OUTCOMES (PLOS):

Upon completion of this program, students will:

- 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

## MAJOR REQUIREMENTS

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

AWARD	TYPE	GRAD PLAN	REQ COURSE S UNITS	TOTAL UNITS
Art (Ceramics)	AA	Plan A	30	60+
Art (Drawing and Painting)	AA	Plan A	30	60+
+ At least 60 degree applicable units (30 total major units and Plan A units) are required to earn an Associate Degree.				

### ASSOCIATE OF ARTS DEGREE

#### ART – Ceramics Option

**MAJOR CODE: 1002.30**

*(30 Units, Plan A) + All other West requirements for Associate Degree*

REQUIRED COURSES	UNITS
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>TOTAL REQUIRED UNITS</b>	<b>18</b>

**12 UNITS FROM THE FOLLOWING:** **UNITS**

ART 700 Introduction to Sculpture	3
ART 701 Sculpture I	3
ART 708 Introduction to Ceramics	3
ART 709 Ceramics I	3
ART 710 Ceramics II	3
ART 711 Ceramics III	3
<b>TOTAL ELECTIVE UNITS</b>	<b>12</b>

**TOTAL MAJOR UNITS** **30**

*For RECOMMENDED COURSE SEQUENCE consult a WLAC counselor.*

### ASSOCIATE OF ARTS DEGREE

#### Art – Drawing and Painting Option

**MAJOR CODE: 1002.10**

*(30 Units, Plan A) + All other West requirements for Associate Degree*

REQUIRED COURSES	UNITS
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>TOTAL REQUIRED UNITS</b>	<b>18</b>

**12 UNITS FROM THE FOLLOWING:** **UNITS**

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
<b>TOTAL ELECTIVE UNITS</b>	<b>12</b>

**TOTAL MAJOR UNITS** **30**

*For RECOMMENDED COURSE SEQUENCE consult a WLAC counselor.*

#### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

# MAJOR REQUIREMENTS

## SKILL CERTIFICATES\*

\*Note: Skill certificates are not state-approved and are not included on transcripts.

\*Departments offering Skills Certificates are responsible for their issuance.

### Computer Graphic Arts

MAJOR CODE: 1030.22

ART 201	Drawing I OR	3
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
TOTAL CERTIFICATE UNITS REQUIRED		15

## ART HISTORY

HUMANITIES AND FINE ARTS DIVISION



Associate Degree  
for Transfer  
*A Degree with a Guarantee.*<sup>SM</sup>

### APPROPRIATENESS TO MISSION

The Associate in Arts in Art History for Transfer (AA-T) Degree prepares students for transfer to a Bachelor of Arts program in History at a California State University (CSU). This degree aligns with the college's mission to provide a transfer path for student success.

### STATEMENT OF PROGRAM GOALS AND OBJECTIVES

The goals and objectives of the Associate in Arts in Art History for Transfer is (1) to offer academic training and understanding of the cultural and sociological contexts of art, (2) to enrich students with the knowledge and skills needed to earn an Associate in Arts degree, and (3) to provide the courses necessary to prepare students for transfer to a CSU. Students who complete the program will be able to demonstrate the following Program Learning Outcomes (PLOs):

### PROGRAM LEARNING OUTCOMES (PLOS):

- PLO #1 Demonstrate an understanding of works of art and architecture from diverse genres and historical periods.
- PLO #2 Demonstrate familiarity with more than one artistic culture of a particular time and place.
- PLO #3 Utilize critical thinking to discuss and explore basic historical art concepts and terminology.
- PLO #4 Demonstrate mastery of analytical skills such as observation and inductive reasoning in interpreting works of art.
- PLO #5 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.

### DESCRIPTION

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 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 Art History 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 this AA-T degree, 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 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 in the major or in a major area of emphasis as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0. Associate Degrees for Transfer also require that students earn a C or better in all courses required for the major or area of emphasis.

Completion of this AA-T program will provide students the foundation to pursue careers as Art Curator, Interior Designer, Graphic Designer, Photographer, Teacher, Administrative Assistant, and Teachers Assistant.

# MAJOR REQUIREMENTS

Students will not be required to complete additional local graduation requirements to obtain the AA-T degree.

AWARD	TYPE	GRAD PLAN	REQ COURSES UNITS	TOTAL UNITS
Art History	AS-T	GE Plan	18*	60
* Required course units and completion of CSU Breadth or IGETC Requirements.				

## ASSOCIATE OF ARTS DEGREE for TRANSFER (AA-T)

MAJOR CODE: 1001.00

REQUIRED COURSES	UNITS
ART 101 Survey of Art History I	3
ART 102 Survey of art History II	3
ART 201 Drawing I	3

LIST A: SELECT ONE COURSE (3 UNITS)	UNITS
ART 117 Meso-American Art: Olmec to Aztec	3

LIST B: SELECT ONE COURSE (3 UNITS)	UNITS
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

Any Studio Arts course as articulated as CSU GE or any course articulated as lower division preparation in Studio Arts or similar major at a CSU.

ART 107 Mexican Art Modern	3
ART 709 Ceramics I	3
ART 111 History of Contemporary Art	3

LIST C: SELECT ONE COURSE (3 UNITS)	UNITS
<i>Any course from List A or B not already used</i>	

ART 115 History of Modern Art	3
ART 103 Art Appreciation	3
ART 111 History of Contemporary Art	3

TOTAL UNITS FOR MAJOR	18
TOTAL UNITS THAT MAY BE DOUBLE COUNTED	3-9
GENERAL EDUCATION (CSU GE OR IGETC) UNITS	39-37
ELECTIVE (CSU TRANSFERABLE) UNITS	8-12
TOTAL DEGREE UNITS	60

## AVIATION MAINTENANCE TECHNICIAN

APPLIED TECHNOLOGY DIVISION

### ASSOCIATE DEGREE

#### PROGRAM OVERVIEW

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.

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

#### CREDIT FOR FAA CERTIFICATES

Please consult with the Chair of the Aviation Department regarding credit for FAA Airframe and/or Power plant license. To be awarded an Associate of Science degree, the student must also complete all general education and graduation requirements plus 12 units of residency requirement at West Los Angeles College.

*NOTE: Students in the Aviation Maintenance Program grant permission to the Federal Aviation Administration (FAA) to review their college grades and records for certification purposes.*

#### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

# MAJOR REQUIREMENTS

*NOTE: Aviation Maintenance Technician Classes 1-24 must be completed with a grade of "C" or better. Students must have a minimum 2.0 GPA in Aviation Maintenance Technology prior to enrollment in AVIATEK 23 and 24.*

## PROGRAM LEARNING OUTCOMES (PLOS):

*Upon completion of this program, students will:*

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

AWARD	TYPE	GRAD PLAN	REQ COURSES UNITS	TOTAL UNITS
Aviation Maintenance Technician	AS	Plan B	72	90
Aircraft Power Plant Technician	Cert	N/A	54	54
Airframe Maintenance Technician	Cert	N/A	48	48
+ At least 60 degree applicable units (72 total major units and Plan B units) are required to earn an Associate Degree.				

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.*

## ASSOCIATE OF ARTS DEGREE

### Aviation Maintenance Technician

**MAJOR CODE: 0950.00**

*(72 Units, Plan B) + All other West requirements for Associate Degree*

REQUIRED COURSES	UNITS
AVIATEK 1 Maintenance Procedures	4
AVIATEK 2 Maintenance Procedures Lab	2
AVIATEK 3 Basic Aircraft Science	4
AVIATEK 4 Basic Aircraft Science Lab	2
AVIATEK 5 Basic Electricity and Auxiliary Systems	4
AVIATEK 6 Basic Electricity and Auxiliary Systems Lab	2
AVIATEK 7 Electrical and Instrument Systems	4
AVIATEK 8 Electrical and Instrument Systems Lab	2
AVIATEK 9 Assembly, Rigging, and Inspection	4
AVIATEK 10 Assembly, Rigging, and Inspection Lab	2
AVIATEK 11 Aircraft Metal Assembly	4
AVIATEK 12 Aircraft Metal Assembly Lab	2
AVIATEK 13 Hydraulic, Landing Gear, and Fuel Systems	4
AVIATEK 14 Hydraulic, Landing Gear, and Fuel Systems Lab	2
AVIATEK 15 Propeller and Power Plant Systems	4
AVIATEK 16 Propeller and Power Plant Systems Lab	2
AVIATEK 17 Ignition and Fuel Metering Systems	4
AVIATEK 18 Ignition and Fuel Metering Systems Lab	2
AVIATEK 19 Reciprocating Power Plant Overhaul	4
AVIATEK 20 Reciprocating Power Plant Overhaul Lab	2
AVIATEK 21 Power Plant Troubleshooting & Testing	4
AVIATEK 22 Power Plant Troubleshooting & Testing Lab	2
AVIATEK 23 Inspection and Evaluation	4
AVIATEK 24 Inspection and Evaluation Lab	2
<b>TOTAL REQUIRED UNITS</b>	<b>72</b>

# MAJOR REQUIREMENTS

## RECOMMENDED COURSE SEQUENCE

SEMESTER 1		UNITS
AVIATEK 3	Basic Aircraft Science	4
AVIATEK 4	Basic Aircraft Science Lab	2
AVIATEK 5	Basic Electricity and Auxiliary Systems	4
AVIATEK 6	Basic Electricity and Auxiliary Systems Lab	2
GEN ED	General Education Course	3
<b>TOTAL SEMESTER 1 UNITS</b>		<b>15</b>

SEMESTER 2		UNITS
AVIATEK 1	Maintenance Procedures	4
AVIATEK 2	Maintenance Procedures Lab	2
AVIATEK 7	Electrical and Instrument Systems	4
AVIATEK 8	Electrical and Instrument Systems Lab	2
GEN ED	General Education Course	3
<b>TOTAL SEMESTER 2 UNITS</b>		<b>15</b>

SEMESTER 3		UNITS
AVIATEK 11	Aircraft Metal Assembly	4
AVIATEK 12	Aircraft Metal Assembly Lab	2
AVIATEK 13	Hydraulic, Landing Gear, and Fuel Systems	4
AVIATEK 14	Hydraulic, Landing Gear, and Fuel Systems Lab	2
GEN ED	General Education Course	3
<b>TOTAL SEMESTER 3 UNITS</b>		<b>15</b>

SEMESTER 4		UNITS
AVIATEK 9	Assembly, Rigging, and Inspection	4
AVIATEK 10	Assembly, Rigging, and Inspection Lab	2
AVIATEK 15	Propeller and Power Plant Systems	4
AVIATEK 16	Propeller and Power Plant Systems Lab	2
GEN ED	General Education Course	3
<b>TOTAL SEMESTER 4 UNITS</b>		<b>15</b>

SEMESTER 5		UNITS
AVIATEK 19	Reciprocating Power Plant Overhaul	4
AVIATEK 20	Reciprocating Power Plant Overhaul Lab	2
AVIATEK 21	Power Plant Troubleshooting and Testing	4
AVIATEK 22	Power Plant Troubleshooting and Testing Lab	2
GEN ED	General Education Course	3
<b>TOTAL SEMESTER 5 UNITS</b>		<b>15</b>

SEMESTER 6		UNITS
AVIATEK 17	Ignition and Fuel Metering Systems	4
AVIATEK 18	Ignition and Fuel Metering Systems Lab	2
AVIATEK 23	Inspection and Evaluation	4
AVIATEK 24	Inspection and Evaluation Lab	2
GEN ED	General Education Course	3
<b>TOTAL SEMESTER 6 UNITS</b>		<b>15</b>
<b>TOTAL DEGREE UNITS</b>		<b>90</b>



## CERTIFICATE OF ACHIEVEMENT

### Aircraft Power Plant Technician

MAJOR CODE: 0950.20

#### PROGRAM OVERVIEW

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.

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).

REQUIRED COURSES		UNITS
AVIATEK 1	Maintenance Procedures	4
AVIATEK 2	Maintenance Procedures Lab	2
AVIATEK 3	Basic Aircraft Science	4
AVIATEK 4	Basic Aircraft Science Lab	2
AVIATEK 5	Basic Electricity and Auxiliary Systems	4
AVIATEK 6	Basic Electricity and Auxiliary Systems Lab	2

#### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

## MAJOR REQUIREMENTS

AVIATEK 7	Electrical and Instrument Systems	4
AVIATEK 8	Electrical and Instrument Systems Lab	2
AVIATEK 15	Propeller and Power Plant Systems	4
AVIATEK 16	Propeller and Power Plant Systems Lab	2
AVIATEK 17	Ignition and Fuel Metering Systems	4
AVIATEK 18	Ignition and Fuel Metering Systems Lab	2
AVIATEK 19	Reciprocating Power Plant Overhaul	4
<b>TOTAL REQUIRED UNITS</b>		<b>54</b>

### RECOMMENDED COURSE SEQUENCE

SEMESTER 1		UNITS
AVIATEK 3	Basic Aircraft Science	4
AVIATEK 4	Basic Aircraft Science Lab	2
AVIATEK 5	Basic Electricity and Auxiliary Systems	4
AVIATEK 6	Basic Electricity and Auxiliary Systems Lab	2
<b>TOTAL SEMESTER 1 UNITS</b>		<b>12</b>

SEMESTER 2		UNITS
AVIATEK 1	Maintenance Procedures	4
AVIATEK 2	Maintenance Procedures Lab	2
AVIATEK 7	Electrical and Instrument Systems	4
AVIATEK 8	Electrical and Instrument Systems Lab	2
<b>TOTAL SEMESTER 2 UNITS</b>		<b>12</b>

SEMESTER 3		UNITS
AVIATEK 15	Propeller and Power Plant Systems	4
AVIATEK 16	Propeller and Power Plant Systems Lab	2
AVIATEK 17	Ignition and Fuel Metering Systems	4
AVIATEK 18	Ignition and Fuel Metering Systems Lab	2
<b>TOTAL SEMESTER 3 UNITS</b>		<b>12</b>

SEMESTER 4		UNITS
AVIATEK 19	Reciprocating Power Plant Overhaul	4
AVIATEK 20	Reciprocating Power Plant Overhaul Lab	2
AVIATEK 21	Power Plant Troubleshooting and Testing	4
AVIATEK 22	Power Plant Troubleshooting and Testing Lab	2
<b>TOTAL SEMESTER 4 UNITS</b>		<b>12</b>

SEMESTER 5		UNITS
AVIATEK 23	Inspection and Evaluation	4
AVIATEK 24	Inspection and Evaluation Lab	2
<b>TOTAL SEMESTER 5 UNITS</b>		<b>6</b>

## CERTIFICATE OF ACHIEVEMENT

### Airframe Maintenance Technician

MAJOR CODE: 0950.10

REQUIRED COURSES	UNITS	
AVIATEK 1	Maintenance Procedures	4
AVIATEK 2	Maintenance Procedures Lab	2
AVIATEK 3	Basic Aircraft Science	4
AVIATEK 4	Basic Aircraft Science Lab	2
AVIATEK 5	Basic Electricity and Auxiliary Systems	4
AVIATEK 6	Basic Electricity and Auxiliary Systems Lab	2
AVIATEK 7	Electrical and Instrument Systems	4
AVIATEK 8	Electrical and Instrument Systems Lab	2
AVIATEK 9	Assembly, Rigging, and Inspection	4
AVIATEK 10	Assembly, Rigging, and Inspection Lab	2
AVIATEK 11	Aircraft Metal Assembly	4
AVIATEK 12	Aircraft Metal Assembly Lab	2
AVIATEK 13	Hydraulic, Landing Gear, and Fuel Systems	4
AVIATEK 14	Hydraulic, Landing Gear, and Fuel Systems Lab	2
AVIATEK 23	Inspection and Evaluation	4
AVIATEK 24	Inspection and Evaluation Lab	2
<b>TOTAL REQUIRED UNITS</b>		<b>48</b>

### RECOMMENDED COURSE SEQUENCE

SEMESTER 1		UNITS
AVIATEK 3	Basic Aircraft Science	4
AVIATEK 4	Basic Aircraft Science Lab	2
AVIATEK 5	Basic Electricity and Auxiliary Systems	4
AVIATEK 6	Basic Electricity and Auxiliary Systems Lab	2
<b>TOTAL SEMESTER 1 UNITS</b>		<b>12</b>

SEMESTER 2		UNITS
AVIATEK 1	Maintenance Procedures	4
AVIATEK 2	Maintenance Procedures Lab	2
AVIATEK 7	Electrical and Instrument Systems	4
AVIATEK 8	Electrical and Instrument Systems Lab	2
<b>TOTAL SEMESTER 2 UNITS</b>		<b>12</b>

SEMESTER 3		UNITS
AVIATEK 9	Assembly, Rigging, and Inspection	4
AVIATEK 10	Assembly, Rigging, and Inspection Lab	2



## MAJOR REQUIREMENTS

AVIATEK 11 Aircraft Metal Assembly	4
AVIATEK 12 Aircraft Metal Assembly Lab	2
<b>TOTAL SEMESTER 3 UNITS</b>	<b>12</b>

<b>SEMESTER 4</b>	<b>UNITS</b>
AVIATEK 13 Hydraulic, Landing Gear, and Fuel Systems	4
AVIATEK 14 Hydraulic, Landing Gear, and Fuel Systems Lab	2
AVIATEK 23 Inspection and Evaluation	4
AVIATEK 24 Inspection and Evaluation Lab	2
<b>TOTAL SEMESTER 4</b>	<b>12</b>
<b>TOTAL REQUIRED UNITS</b>	<b>48</b>

## BIOLOGY

SCIENCE DIVISION

### ASSOCIATE DEGREE

The Associate of Arts degree in Biology includes coursework that aligns with specific lower-division major requirements for the Biology, Biological Science, and related majors at various universities within the University of California (UC) and California State University (CSU) systems.

Students interested in transferring to a four-year college or university with a major in Biology or related fields of study may also consider the Associate of Arts degree in Liberal Arts and Sciences (Math, Science, and Computer Science emphasis). Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

The Associate Degree in Biology will provide the student with a strong basic foundation in this science. The curriculum is generally required of lower-division life science majors, as well as pre-dental, pre-medical, pre-optometry, pre-pharmacy, and pre-veterinary students.

### PROGRAM LEARNING OUTCOMES (PLOS):

*Upon completion of this program, students will:*

#### Biology (General) Program

- 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.

#### Biology (Health Science Option) Program

- Use appropriate biological terminology to communicate with purpose and clarity, to consult others, and to question others emphatically for the purpose of making informed decisions regarding the health status of a patient or a family member.
- Recommend strategies to family members and/or patients that will help the human body recover from injury and/or defend itself against disease-causing microbes.
- Recommend strategies to family members and/or patients that will protect the human body from the invasion of disease-causing microbes.
- Explain how living things are organized, reproduction, acquire matter & energy, and inherit & express genetic instructions.

#### Natural Sciences/Biological Science General Education Requirement (non-biology majors)

- Explain how scientists investigate causes of natural biological phenomena.
- Utilize biological information to make informed decisions about environmental issues.
- Utilize biological information to make informed decisions about personal issues.

AWARD	TYPE	GRAD PLAN	REQ COURSES UNITS	TOTAL UNITS
Biology	AA	Plan B	38	60+
+ At least 60 degree applicable units (38 total major units and Plan B units) are required to earn an Associate Degree.				

### ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.