

“A” Majors

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ACCOUNTING

ADMINISTRATION OF JUSTICE

ALCOHOL AND DRUG STUDIES

ALLIED HEALTH
(SEE PARAMEDIC & MEDICAL ASSISTING)

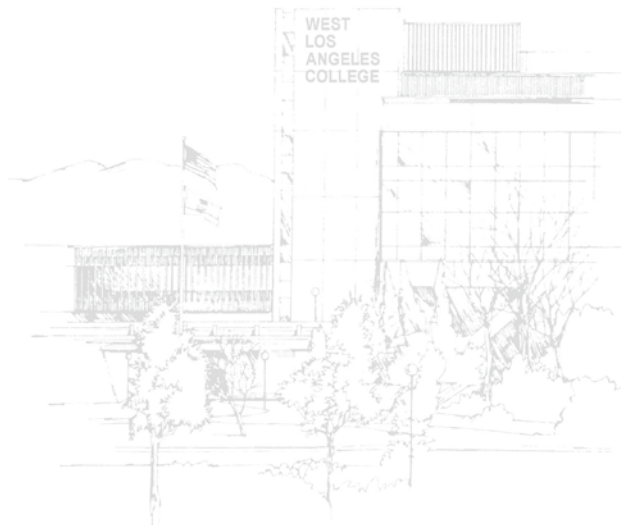
ANTHROPOLOGY

ART

AVIATION MAINTENANCE TECHNICIAN

The following section details the required curriculum for every degree and certificate program offered at the college. 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 courses, all West general education requirements (Plan A or Plan B), 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.

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. Transfer students who want to obtain an Associate degree may select one of the Liberal Arts and Science degrees which require completion of the West, CSU, or IGETC general education core and at least 18 units of coursework in an approved area of emphasis (see Liberal Arts & Science Section for details).



ACCOUNTING

ASSOCIATE DEGREES

The Associate of Arts degree in Accounting is primarily designed for vocational 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. 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.

ASSOCIATE OF ARTS DEGREE

MAJOR CODE 0502.00

(41 UNITS, 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 |
| CO SCI 930 Microsoft Advanced Business Application | 4 |
| LAW 1 Business Law I | 3 |
| ECON 1 Principles of Economics I | 3 |
| ECON 2 Principles of Economics II | 3 |
| MKTG 1 Principles of Selling | 3 |

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

ELECTIVES

| (9 UNITS FROM THE FOLLOWING) | UNITS |
|---------------------------------|-----------|
| ACCTG 15 Tax Accounting I | 3 |
| ACCTG 20 Managerial Accounting | 3 |
| LAW 2 Business Law II | 3 |
| MGMT 1 Principles of Management | 3 |
| MKTG 21 Principles of Marketing | 3 |
| TOTAL UNITS | 41 |

CERTIFICATES OF ACHIEVEMENT

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.

CERTIFICATE OF ACHIEVEMENT

MAJOR CODE 0502.00

(34 UNITS)

| 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 Introduction to Business | 3 |
| CO SCI 901 Introduction to Computers and Their Use OR | 3 |
| CAOT 84 Microcomputer Office Applications: Word Processing | 3 |
| LAW 1 Business Law I | 3 |

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

ELECTIVES

| (9 UNITS FROM THE FOLLOWING) | UNITS |
|----------------------------------|-----------|
| ACCTG 16 Tax Accounting II | 3 |
| ACCTG 20 Managerial Accounting | 3 |
| LAW 2 Business Law II | 3 |
| ECON 1 Principles of Economics I | 3 |
| MGMT 1 Principles of Management | 3 |
| MKTG 1 Principles of Selling | 3 |
| MKTG 21 Principles of Marketing | 3 |
| TOTAL UNITS | 34 |

ADMINISTRATION OF JUSTICE



Associate Degree
for Transfer
A Degree with a Guarantee.™

ASSOCIATE DEGREES FOR TRANSFER

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.

ASSOCIATE OF SCIENCE DEGREE FOR TRANSFER (AS-T)

MAJOR CODE 2105.00

(18 UNITS) + Completion of CSU Breadth or IGETC

| REQUIRED COURSES (6 UNITS) | UNITS |
|---|-------|
| ADM JUS 1 Introduction to Administration of Justice | 3 |
| ADM JUS 2 Concepts of Criminal Law | 3 |

| LIST A: CHOOSE TWO COURSES (6 UNITS) | UNITS |
|---|-------|
| ADM JUS 3 Legal Aspects of Evidence | 3 |
| ADM JUS 4 Principles and Procedures of the 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) | UNITS |
|--------------------------------------|-----------|
| MATH 227 Elementary Algebra | 4 |
| PSYCH 1 General Psychology I | 3 |
| SOC 1 Introduction to Sociology | 3 |
| TOTAL UNITS | 18 |

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 (see page 64-65 for more information).
- 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.

ADMINISTRATION OF JUSTICE

ASSOCIATE DEGREES

The Associate of Arts degree in Administration of Justice is primarily designed for vocational education and workforce training/development. This program is designed to serve students who wish to prepare themselves for one of several careers in law enforcement.

Students interested in transferring to a four-year college or university with a major in Criminal Justice or Criminology 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.

Students should note that Administration of Justice courses are scheduled in rotation and should plan their class schedule accordingly.

ASSOCIATE OF ARTS DEGREE

MAJOR CODE 2105.00

(36 UNITS, PLAN B) + All other West requirements for Associate Degree

REQUIRED COURSES

| FIRST SEMESTER | UNITS |
|---|-------|
| ADM JUS 1 Introduction to Administration of Justice | 3 |
| ADM JUS 2 Concepts of Criminal Law | 3 |
| ADM JUS* Elective | 3 |
| ENG 101** College Reading and Composition I | 3 |
| POL SCI 1** The Government of the United States | 3 |

MAJOR REQUIREMENTS

| SECOND SEMESTER | | UNITS |
|--------------------|--|-----------|
| ADM JUS 3 | Legal Aspects of Evidence | 3 |
| ADM JUS 4 | Principles and Procedures of the Justice System | 3 |
| ADM JUS 6 | Patrol Procedures | 3 |
| MATH 115** | Elementary Algebra | 5 |
| SOC 1** | Introduction to Sociology OR | 3 |
| PSYCH 1** | General Psychology I | 3 |
| THIRD SEMESTER | | UNITS |
| ADM JUS 5 | Criminal Investigation | 3 |
| ADM JUS 8 | Juvenile Procedures | 3 |
| ADM JUS 75 | Introduction to Corrections | 3 |
| HEALTH 11** | Principles of Healthful Living | 3 |
| SPANISH 1** | Elementary Spanish I | 5 |
| FOURTH SEMESTER | | UNITS |
| ADM JUS 14 | Report Writing for Peace Officers (See ENGLISH 130) | 3 |
| ADM JUS 67 | Community Relations I | 3 |
| CO SCI 901** | Introduction to Computers and Their Use | 3 |
| PSYCH 2** | General Psychology II | 3 |
| ADM JUS* | Elective | 3 |
| PHYS ED** | Physical Education | 1 |
| TOTAL UNITS | | 36 |

* 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. Students should also inquire about the Criminal Justice Club.

Please meet with the Administration of Justice Department Chair and a Counselor to ensure your schedule will satisfy your goal.

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.

SKILL CERTIFICATE IN CORRECTIONS

MAJOR CODE 2105.10

| REQUIRED COURSES | UNITS | |
|--------------------|--|---|
| ADM JUS 8 | Juvenile Procedures | 3 |
| ADM JUS 39 | Probation and Parole | 3 |
| ADM JUS 75 | Introduction to Corrections | 3 |
| ADM JUS 309 | Correctional Interviewing and Counseling | 3 |
| CORR 2 | Correctional Institutions | 3 |
| TOTAL UNITS | 15 | |

SKILL CERTIFICATE IN FINGERPRINT CLASSIFICATION

MAJOR CODE 2105.01

| REQUIRED COURSE | UNITS | |
|-----------------|----------------------------|---|
| ADM JUS 62 | Fingerprint Classification | 3 |

SKILL CERTIFICATE IN JUVENILE CORRECTIONS OFFICER

MAJOR CODE 2105.09

| REQUIRED COURSE | UNITS | |
|-----------------|-------------------------------------|---|
| ADM JUS 260 | Juvenile Institution Counselor Core | 8 |

SKILL CERTIFICATE IN PENAL CODE 832 ARREST COURSE

MAJOR CODE 2105.11

| REQUIRED COURSE | UNITS | |
|-----------------|-----------------------------|---|
| ADM JUS 60 | Arrest, Search, and Seizure | 3 |

SKILL CERTIFICATE IN POLICE ORIENTATION AND PREPARATION I

MAJOR CODE 2105.50

| REQUIRED COURSE | UNITS | |
|--------------------|--|---|
| ADM JUS 1 | Introduction 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 |
| POL SCI 1 | The Government of the United States | 3 |
| SOC 2 | American Social Problems | 3 |
| TOTAL UNITS | 15 | |

SKILL CERTIFICATE IN POLICE ORIENTATION AND PREPARATION II

MAJOR CODE 2105.51

| REQUIRED COURSE | 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 I | 3 |
| TOTAL UNITS | 15 | |

SKILL CERTIFICATE IN POLICE ORIENTATION AND PREPARATION III

MAJOR CODE 2105.52

| REQUIRED COURSE | UNITS | |
|--------------------|---|---|
| ADM JUS 2 | Concepts of Criminal Law | 3 |
| ADM JUS 8 | Juvenile Procedures | 3 |
| BIOLOGY 3A | Introduction to Biology - Lecture | 3 |
| CO SCI 901 | Introduction to Computers and Their Use | 3 |
| HEALTH 11 | Principles of Healthful Living | 3 |
| TOTAL UNITS | 15 | |

SKILL CERTIFICATE IN POLICE ORIENTATION AND PREPARATION IV

MAJOR CODE 2105.53

| REQUIRED COURSE | UNITS |
|---|-----------|
| ADM JUS 4 Principles and Procedures of the Justice System | 3 |
| ADM JUS 60 Arrest, Search, and Seizure | 3 |
| ADM JUS 75 Introduction to Corrections | 3 |
| BIOLOGY 3B Introduction to Biology - Lab | 1 |
| HUMAN 60 People and Their World | 3 |
| PHYS ED 666 Body Conditioning | 1 |
| TOTAL UNITS | 14 |

SKILL CERTIFICATE IN PROBATION OFFICER

MAJOR CODE 2105.25

| REQUIRED COURSE | UNITS |
|------------------------------------|-------|
| ADM JUS 261 Probation Officer Core | 12 |

ALCOHOL AND DRUG STUDIES

ASSOCIATE DEGREES

The Associate of Arts degree in Alcohol and Drug Studies is primarily designed for vocational education and workforce training/development.

The coursework indicated below will prepare students with all necessary coursework to qualify them to take the written exam for the California Association of Alcohol and Drug Educators (CAADE) and become an Alcohol and Drug Counselor. Several classes may be used for continuing education credit for clinical or Alcohol and Drug 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.

ASSOCIATE OF ARTS DEGREE

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 |
| SOC 1 Introduction to Sociology (West requirement) | 3 |
| PSYCH 64 Introduction to Alcohol and Drug Abuse | 3 |
| PSYCH 65 Chemical Dependency: Intervention, Treatment and Recovery | 3 |

| | |
|---|-----------|
| PSYCH 68 Biopsychology of Chemical Dependency: Drugs, Behavior and Health | 3 |
| PSYCH 37 Psychology of Codependency & Family Systems | 3 |
| PSYCH 43 Principles of Group Dynamics | 3 |
| PSYCH 63 Alcohol/Drug Studies: Prevention & Education | 3 |
| PSYCH 67 Counseling Techniques for the Chemically Addicted | 3 |
| PSYCH 84 Fieldwork I Alcohol / Drug Studies | 3 |
| PSYCH 85 Fieldwork II Alcohol / Drug Studies | 3 |
| TOTAL UNITS | 36 |

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

CERTIFICATES OF ACHIEVEMENT

Students may also earn a Certificate of Achievement in Alcohol and Drug Studies by completing the 36 unit course requirements listed below. This certificate will prepare students with all necessary coursework to qualify them to take the written exam for the California Association of Alcohol and Drug Educators (CAADE) and become an Alcohol and Drug Counselor. Several classes may be used for continuing education credit for clinical or Alcohol and Drug licenses or public safety professions. Not all classes are offered every semester but do alternate each semester.

CERTIFICATE OF ACHIEVEMENT

MAJOR CODE 2104.40

(36 UNITS)

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

ALLIED HEALTH

(SEE PARAMEDIC AND MEDICAL ASSISTING)

ANTHROPOLOGY

ASSOCIATE DEGREES

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.

ASSOCIATE OF ARTS DEGREE

MAJOR CODE 2202.00

(23 UNITS, PLAN A) + 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 |

5 OR 6 UNITS FROM THE FOLLOWING:

| | |
|--|---|
| ANTHRO 109 Gender, Sex, and Culture | 3 |
| ANTHRO 111 Human Biology Lab | 2 |
| ANTHRO 119 Introduction to Forensic Anthropology | 2 |
| ANTHRO 121 Anthropology of Religion, Magic, and Witchcraft | 3 |
| ANTHRO 132 Native Peoples of North America | 3 |

3 UNITS FROM THE FOLLOWING:

| | |
|---|---|
| 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 Processes | 3 |
| ENV SCI 2 The Human Environment: Biological Processes | 3 |
| GEOG 1 Physical Geography | 3 |
| GEOLOGY 1 Physical Geology | 3 |

TOTAL 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 |

ART

ASSOCIATE DEGREES

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.

ASSOCIATE OF ARTS DEGREE - 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 |

AND 12 UNITS FROM THE FOLLOWING:

| | |
|-----------------------------------|---|
| 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 |

TOTAL UNITS 30

**ASSOCIATE OF ARTS DEGREE -
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 |

AND 12 UNITS FROM THE FOLLOWING:

| | | |
|--------------------|--------------------------|-----------|
| ART 204 | Life Drawing I | 3 |
| ART 205 | Life Drawing II | 3 |
| ART 300 | Introduction to Painting | 3 |
| ART 301 | Watercolor Painting I | 3 |
| ART 302 | Watercolor Painting II | 3 |
| ART 304 | Acrylic Painting I | 3 |
| ART 305 | Acrylic Painting II | 3 |
| ART 307 | Oil Painting I | 3 |
| TOTAL UNITS | | 30 |

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.

SKILL CERTIFICATE IN COMPUTER GRAPHICS ARTS

MAJOR CODE 1030.22

| REQUIRED COURSES | | UNITS |
|--------------------|-----------------------------------|-----------|
| 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 | Advanced Desktop Publishing | 3 |
| TOTAL UNITS | | 15 |

**AVIATION MAINTENANCE
TECHNICIAN**

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 Powerplant Technician Certificate. Upon qualifying by written, oral, and practical examinations, students are issued Federal Aviation Administration (FAA) certificates by the FAA.

A Skill Certificate in Avionics (Aviation Electronics) is given for the successful completion of each of two modularized courses designed to improve the knowledge and job skills of Aircraft Maintenance Technicians who are working or wishing to work in the field of Avionics. Emphasis is on the work carried out by technicians holding an FAA Airframe certificates. While receiving training in hydraulic system trouble-shooting, sheet metal repairs, covering and finishing, welding, and alignment and rigging of aircraft, Aviation Maintenance students use a repair station and three well-equipped laboratories as they work through their hands-on, modularized sequence of courses.

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

ASSOCIATE DEGREES

The Associate of Arts degree in Aviation Maintenance Technician is primarily designed for vocational education and workforce training/development.

NOTE: Students may receive subject 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.

CREDIT FOR FAA CERTIFICATES

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

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.

MAJOR REQUIREMENTS

ASSOCIATE OF SCIENCE DEGREE

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 Powerplant Systems | 4 |
| AVIATEK 16 Propeller and Powerplant Systems Lab | 2 |
| AVIATEK 17 Ignition and Fuel Metering Systems | 4 |
| AVIATEK 18 Ignition and Fuel Metering Systems Lab | 2 |
| AVIATEK 19 Reciprocating Powerplant Overhaul | 4 |
| AVIATEK 20 Reciprocating Powerplant Overhaul Lab | 2 |
| AVIATEK 21 Powerplant Troubleshooting and Testing | 4 |
| AVIATEK 22 Powerplant Troubleshooting and Testing Lab | 2 |
| AVIATEK 23 Inspection and Evaluation | 4 |
| AVIATEK 24 Inspection and Evaluation Lab | 2 |
| TOTAL UNITS | 72 |

CERTIFICATES OF ACHIEVEMENT

CERTIFICATES OF ACHIEVEMENT - AIRCRAFT POWERPLANT TECHNICIAN

MAJOR CODE 0950.20

(54 UNITS)

| 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 15 Propeller and Powerplant Systems | 4 |
| AVIATEK 16 Propeller and Powerplant Systems Lab | 2 |
| AVIATEK 17 Ignition and Fuel Metering Systems | 4 |
| AVIATEK 18 Ignition and Fuel Metering Systems Lab | 2 |
| AVIATEK 19 Reciprocating Powerplant Overhaul | 4 |

| | |
|---|-----------|
| AVIATEK 20 Reciprocating Powerplant Overhaul Lab | 2 |
| AVIATEK 21 Powerplant Troubleshooting and Testing | 4 |
| AVIATEK 22 Powerplant Troubleshooting and Testing Lab | 2 |
| AVIATEK 23 Inspection and Evaluation | 4 |
| AVIATEK 24 Inspection and Evaluation Lab | 2 |
| TOTAL UNITS | 54 |

NOTE: Students must have a minimum 2.0 GPA in Aviation Maintenance Technology prior to enrollment in AVIATEK 23 and 24.

CERTIFICATE OF ACHIEVEMENT - AIRFRAME MAINTENANCE TECHNICIAN

MAJOR CODE 0950.10

(48 UNITS)

| 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 |
| TOTAL UNITS | 48 |

NOTE: Students must have a minimum 2.0 GPA in Aviation Maintenance Technology prior to enrollment in AVIATEK 23 and 24.

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.

SKILL CERTIFICATE IN COMPOSITE STRUCTURES & FABRICATION

MAJOR CODE 0950.50

| REQUIRED COURSE | UNITS |
|--|-----------|
| A/C PS 102 Fabrication and Repair of Advanced Composites | 6 |
| A/C PS 110 Aerospace Production Blueprint Reading I | 4 |
| A/C PS 115 Aircraft Structures | 6 |
| TOTAL UNITS | 16 |