A.S. Degree and Certificate of Achievement
Aviation Maintenance Technology

Certificates of Achievement
Airframe
Powerplant

Contact:
(408) 848-4719
cte@gavilan.edu

Aviation Maintenance Technology
A.S. Degree or Certificate of Achievement

To receive an ASSOCIATE’S DEGREE complete:
▶ REQUIRED COURSES listed below.
▶ GENERAL EDUCATION REQUIREMENTS. (Gavilan, IGETC or CSU pattern), plus sufficient electives to meet a 60 unit total. See pages 48-56.

To receive a CERTIFICATE OF ACHIEVEMENT complete the:
▶ REQUIRED COURSES listed below.

REQUIREMENTS:

AMT 100 General Aircraft Technology ........................................... 7.5 units
AMT 101 General Aircraft Technology ........................................... 7.5 units
AMT 110 Airframe Maintenance Technology.............................. 13.5 units
AMT 111 Airframe Structures ..................................................... 13.5 units
AMT 120 Aviation Powerplant Technology .................................. 14.0 units
AMT 121 Aviation Powerplant Systems Technology .................... 14.0 units
Total Units Required: 70.0 UNITS

Recommended Electives: AFT 122; CSIS 1; CGD 1

Students will have job entry skills for the following occupations: aviation mechanic, aircraft serviceperson, repair or sales of aircraft accessories, airframe specialist.

Courses in the Aviation Technology Department are currently offered only during the day.

Students who have completed all of the AMT coursework will have satisfied Areas B-1, B-2, B-3 and B-4 of the general education requirements for the associate's degree using the Gavilan College and CSU Breadth General Education patterns or the IGETC (Areas 2 and 5) for an associate's degree only.

Gainful Employment Statistics for Certificate

Name of Program: (if different than the CIP program description) CA in Aviation Maint Tech
Program Length: (in years) 2.50
# of units/credits required for program: 70
Total Tuition and Required Fees for the entire program completed in normal time:
   CA Resident $ 2,625
   Nonresident $ 15,225
Total estimated costs for books and supplies for the entire program: $ 4,050
Total room and board charges for living on campus: College does not offer on-campus living.

For more information visit the Gavilan College Gainful Employment website at http://www.gavilan.edu/gainful_employment. Fees based on fall 2011 per-unit rates.
Airframe Certificate of Achievement

AMT 100 General Aircraft Technology ............ 7.5 units
AMT 101 General Aircraft Technology ............ 7.5 units
AMT 110 Airframe Maintenance Technology ...... 13.5 units
AMT 111 Airframe Structures .................. 13.5 units
Total Units for Certificate of Achievement: 42.0 UNITS

Recommended Electives: AMT 190; AFT 122

The skills learned in the program also prepare graduates for employment in fields such as aircraft manufacturing, electronics, hydraulics, welding, sheet metal, electrical systems, pneumatics, fuel systems, automotive repair, and military defense.

This certificate is designed to prepare students to qualify for the airframe certificate issued by the Federal Aviation Administration. These courses include the following subjects: sheet metal structures, wood and fabric structures, aircraft airframe inspection, assembly and rigging, hydraulic and pneumatic systems, aircraft electrical systems, cabin atmosphere controls, fuel systems, ice and rain systems, fire protection systems, instrument systems, position and warning systems, and communication systems. All individuals will have to complete the General Aircraft Maintenance requirements in order to receive the FAA Aircraft Airframe Certificate of completion.

Powerplant Certificate of Achievement

AMT 100 General Aircraft Technology ............ 7.5 units
AMT 101 General Aircraft Technology ............ 7.5 units
AMT 120 Aviation Powerplant Technology ...... 14.0 units
AMT 121 Aviation Powerplant Systems Technology 14.0 units
Total Units for Certificate of Achievement: 43.0 UNITS

Recommended Electives: AMT 190; AFT 122

The skills learned in the program also prepare graduates for employment in fields such as aircraft manufacturing, electronics, hydraulics, welding, sheet metal, electrical systems, pneumatics, fuel systems, automotive repair, and military defense.

This certificate is designed to prepare students to qualify for the Powerplant certificate issued by the Federal Aviation Administration. These courses include the following subjects: reciprocating engines, turbines, lubrication systems, engine fuel systems, fuel metering systems, induction systems, ignition systems, engine electrical systems, engine cooling systems, engines, engine exhaust system, engine instrument systems, engine control systems, engine fire protection systems, and propellers. Students will have the opportunity to test run the engine that they repair. Students that complete this program may apply immediately to take the exams needed to obtain FAA Powerplant mechanic certificate.

Gainful Employment Statistics for Certificate

| Name of Program: (if different than the CIP program description) | CA in AMT Airframe |
| Program Length: (in years) | 2.0 |
| # of units/credits required for program: | 42 |
| Total Tuition and Required Fees for the entire program completed in normal time: | CA Resident $ 1,606 Nonresident $ 9,156 |
| Total estimated costs for books and supplies for the entire program: | $ 3,240 |
| Total room and board charges for living on campus: | College does not offer on-campus living. |

For more information visit the Gavilan College Gainful Employment website at http://www.gavilan.edu/gainful_employment. Fees based on fall 2011 per-unit rates.

Students receiving the certificate will have job entry skills for the following occupations: Aviation mechanic; aircraft serviceperson; repair or sales of aircraft accessories; airframe specialist.

Gainful Employment Statistics for Certificate

| Name of Program: (if different than the CIP program description) | CA in AMT Powerplant |
| Program Length: (in years) | 2.00 |
| # of units/credits required for program: | 43 |
| Total Tuition and Required Fees for the entire program completed in normal time: | CA Resident $ 1,642 Nonresident $ 9,372 |
| Total estimated costs for books and supplies for the entire program: | $ 3,240. |
| Total room and board charges for living on campus: | College does not offer on-campus living. |

For more information visit the Gavilan College Gainful Employment website at http://www.gavilan.edu/gainful_employment. Fees based on fall 2011 per-unit rates.

Students receiving the certificate will have job entry skills for the following occupations: Aviation mechanic; aircraft serviceperson; repair or sales of aircraft accessories; powerplant specialist.