

26-27 Cert. General Aircraft Maintenance (AAT2)



ABOUT THIS MAJOR

This program provides the basic understanding and principles of basic electricity, basic physics, math, fluid lines and fittings, materials and processes, cleaning and corrosion control, maintenance publications, mechanics privileges and limitations, maintenance forms and records, weight and balance, ground handling and aircraft

drawings. Students who successfully complete the certificate requirements may apply for entry-level positions in aircraft maintenance support, aircraft service operations, aviation inspection support, and related aviation maintenance occupations, consistent with applicable FAA requirements and employer qualifications.

For more information on Aeronautical & Aviation Technology, visit the [Aerospace, Industrial Arts and Applied Technologies \(CTE\)](#) division.

TO EARN A DEGREE A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of Major & Program Electives Courses
- [2] Minimum grade point average of 2.0
- [3] A C or better in all courses required for the major

Cert. -General Aircraft Maintenance (AAT2)

[Total Units Required in the major 18-23]

Required Courses, complete ALL courses (total 30 units)	
AERO120 - Aircraft General I	7.5
AERO121 - Aircraft General II	7.5

Program Electives, complete 3-8 units	
AFAB110 - Introduction to Aircraft Structures, Blueprints, and Manufacturing Documentation	3
AFAB115 - Aircraft Structures <i>Prerequisite: Completion of or concurrent enrollment in AFAB 110</i>	8
AFAB120 - Composites Fabrication and Repair <i>Prerequisite: Completion of or concurrent enrollment in AFAB 110</i>	7
AFAB130 - Aerospace Ethics and Issues	4
AFAB210 - Aircraft Production Systems <i>Prerequisites: Completion of AFAB 115 or AERO 230</i>	4
ELTE252 - Introduction to Avionics	3
ELTE254 - Radio Telephone License <i>Prerequisite: Completion of ELTE 110 or ELTE 135</i>	3

COUNSELING NOTE SECTION

Prerequisite: If a course is listed as a prerequisite for another course, that prerequisite course must be completed with a satisfactory grade to enroll in the next course. A satisfactory grade is a grade of "A," "B," "C" or "P". Students who enroll in classes for which they do not meet the prerequisites will be involuntarily dropped. Students will be notified of this involuntary drop. Title 5, Section 55200(d)

Application for Graduation:
Antelope Valley College awards degrees three times annually following the Fall, Spring, and summer semesters. Students must apply for graduation to earn their degree or certificate. Applications are due by September 6 for spring/summer graduates and by February 14 for fall graduates.

AVC 26-27 CATALOG: [ACADEMIC POLICIES](#)

INFORMATION and RESOURCES

Tutoring Assistance	Career Center	AVC Student Health Services
Transfer Center	Office of Students with Disabilities	Palmdale Center
Basic Needs	Financial Aid	Counseling Division

RECOMMENDED PATHWAY Cert. General Aircraft Maintenance

The Recommended Plan of Study is determined by the discipline faculty. Take classes in **Summer** or **Interession** if needed to complete your degree in a timely manner!

Fall/Spring: Max 19 units | Summer: Max 9 units | Interession: Max 6 units

SUMMER- 1	
Course	Units
AERO 120	7.5
Total Units	7.5

SUMMER -2	
Course	Units
AERO 121	7.5
PROGRAM ELECTIVE: Choose one from list	3-8
Total Units	7.5

Counseling Notes

AERO 120 & AERO 121: SUMMER ONLY

AERO 120 & 121 Intended for students who wish to attain FAA General Mechanic Certificate.

Career Opportunities & Licensure

Students seeking full FAA Airframe and Powerplant (A&P) licensure must complete all major coursework within the Aeronautical & Aviation Technology (AERO) program. Completion of these certificate requirements prepares students for entry-level roles consistent with FAA requirements and employer qualifications, including AERO 120,121; program elective),230,231,240 & 241