



ABOUT THIS MAJOR

This program provides in-depth understanding and principles along with “hands-on” experience to aircraft airframe structures. It entails the following subjects: sheet metal structures, wood structures, dope and fabric, 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, landing gear systems, and navigation and communication systems. Depending on the individuals’ aircraft experience and previous licenses, some individuals will have to qualify for the General Aircraft Maintenance certificate in order to receive the FAA Aircraft Airframe Certificate of completion. Contact instructor for further information. Students who successfully complete the certificate requirements may apply for entry-level positions in aircraft airframe maintenance, aircraft inspection, aircraft repair support, and aviation maintenance operations, 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. -Aircraft Airframe (AAT1)

[Total Units Required in the major 30]

Required Courses, complete ALL courses (total 30 units)	
AERO230 - Aircraft Airframe I	15
AERO231 - Aircraft Airframe II	15
Prerequisite: Completion of AERO 230	

26-27 Cert. Aircraft Airframe (AAT1)

RECOMMENDED PATHWAY Cert. Aircraft Airframe

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

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

SEMESTER 1 (Fall-1)	
Course	Units
AERO 230	15
Total Units	15

SEMESTER 2 (SPRING -1)	
Course	Units
AERO 231	15
Total Units	15

TOTAL DEGREE UNITS	30
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Counseling Notes

AERO 230: Fall Only - course is available exclusively in the fall semester
AERO 231: Spring Only - course is available exclusively in the spring semester

AFTER COMPLETING AERO 230 & 231 Students will meet qualifying standards for the FAA comprehensive testing leading to an Airframe 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

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
Transfer Center

Career Center
Office of Students with Disabilities

AVC Student Health Services
Palmdale Center

Basic Needs

Financial Aid

Counseling Division

The State requires ALL STUDENTS to have a Comprehensive Education Plan. You MUST make a counseling appointment as soon as enrollment is established to receive your plan. Stop by the Counseling Center or call 661-722-6300 x 6338 to schedule an appointment.

7/23/26 (Angie Gonzalez)