



ABOUT THIS MAJOR

The Aircraft Fabrication and Assembly certificate is designed to prepare students for entry-level employment in the aerospace industry. Students who complete this certificate program will have the necessary skills to be employed by aircraft manufacturers and subcontractors in

aircraft structures and composites fabrication and assembly. The Associate Degree is designed to prepare students for the Aircraft Manufacturing Technology (AFMT) Bachelor's Degree of Science. The certificate and associate degree programs include coursework to help prepare students for entry-level employment in the aerospace industry. Students who complete this program will have the necessary skills to be employed by aircraft manufacturers and subcontractors in a variety of positions.

For more information on Auto Body, 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 Fabrication & Assembly Technician (AFA1)

[Total Units Required in the major 26]

Required Courses, complete ALL courses (total 26 units)	
AFAB110 - Intro 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>Prerequisites: Completion of AFAB 115 or AERO 230.</i>	7
AFAB130 - Aerospace Ethics and Issues	4
AFAB210 - Aircraft Production Systems <i>Prerequisites: Completion of AFAB 115 or AERO 230.</i>	4

RECOMMENDED PATHWAY

Cert. Aircraft Fabrication & Assembly Technician

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	
Course	Units
AFAB 110	3
AFAB 115	8
AFAB 120	7
Total Units	18

SEMESTER 2	
Course	Units
AFAB 130	4
AFAB 210	4
Total Units	8
TOTAL DEGREE UNITS	26

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