

AFAB to AFMT 25-26



ABOUT THIS MAJOR

The requirements for an associate degree in Aircraft Fabrication and Assembly Technician may be satisfied by completing 26 units of required courses, 21 units of general education requirements, and sufficient elective credits to

total 60 units. (See Graduation/ Associate Degree Requirements.) It is recommended that if the student needs elective units, that they complete the prerequisite courses for the AFMT bachelor program. Students who complete the associate degree have enhanced employability in the field of aerospace technology. They have enhanced promotional opportunities into supervisory and/or management positions as they gain experience and training within this career field. The associate degree will also provide students with a broad range of knowledge with which to evaluate and appreciate the physical environment, the culture, and the society in which they live and with the ability to think and communicate clearly and effectively.

The Airframe Manufacturing Technology baccalaureate degree builds off of two existing high quality, successful programs that have provided well trained employees to meet the needs in our communities for many years. By expanding these programs to include the opportunity to earn a baccalaureate degree, Antelope Valley College will now fill the need of local employers for a highly skilled lead worker in the same field and will provide a valuable opportunity for both our students and our community. For more information, visit the [Career and Technical Education](#) division.

To meet current eligibility for AFMT must complete the following:

- [1] Aircraft Fabrication & Assembly Technician associate degree course sequence
- [2] General Education Requirements listed below
- [3] A minimum GPA of 3.0 in all AFAB courses and 3.0 in all college course taken for credit (overall GPA)

AFAB to AFMT

Minimum Eligibility Requirements for AFMT Program:

- Completion of the Aircraft Fabrication & Assembly Technician (AFAB) or Aeronautical and Aviation Technology (AERO) associate degree course sequence.
- Completion of the general education/lower-division prerequisites listed in the table below.
- A minimum GPA of 3.0 in all AFAB/AERO courses and 3.0 in all college courses taken for credit (overall GPA).

Aircraft Fabrication, complete ALL courses (total 26 UNITS)	
AFAB110 - Introduction to Aircraft Structures, Blueprints, and Manufacturing Documentation	3
AFAB115 - Aircraft Structures	8
AFAB120 - Composites Fabrication and Repair	7
AFAB130 - Aerospace Ethics and Issues	4
AFAB210 - Aircraft Production Systems	4

Program Prerequisites, Complete ALL courses (24 units)	
CHEM101 - Introductory Chemistry	5
COMM C1000/COMM C1000H- Introduction to Public Speaking	3
ENGL C1000/ENGL C1000H- Academic Reading and Writing	3
ENGL115 - Introduction to Technical Communication	3
PHYS101 - Introductory Physics	4
PSYC C1000/ PSYC C1000- Introduction to Psychology	3
MATH135 - Plane Trigonometry	3

General Education Required Courses (total 14 units)	
AVC GE Area 3: Arts & Humanities	3
AVC GE AREA 6: Ethnic Studies	3
AVC GE AREA 2: MATH150 - Calculus and Analytic Geometry	5
AVC GE AREA 4: POLSC1000 - American Government Politics	3

RECOMMENDED PATHWAY

AFAB TO AFMT B.S.

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

■ AFAB Courses ▲ Program Prerequisites ● General Education

SEMESTER 1

Course Advisement	Units
■ AFAB 110	3
■ AFAB 130	4
▲ COMM C1000/H	3
▲ EnglC1000/H	3
● AVC GE Area 4: POLSC1000	3
Total Semester Units	16

SEMESTER 2

Course Advisement	Units
■ AFAB 115	8
■ AFAB 210	7
Total Semester Units	15

**** ATTEND AFMT INFORMATION SESSIONS****

SEMESTER 3

Course Advisement	Units
■ AFAB 210	4
▲ MATH 135	3
▲ PHYS 101	4
● AVC GE Area 3: Arts & Humanities	3
Total Semester Units	14

SEMESTER 4

Course Advisement	Units
▲ CHEM 101	3
▲ ENGL 115	3
▲ PSYCC1000	3
● AVC GE AREA 6: Ethnic Studies	3
Total Semester Units	14

****Apply to AFMT Program****

May- July

SUMMER 1

Course Advisement	Units
● MATH 150	5
Total Semester Units	5

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 25-26 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

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Application Process:

All students applying for enrollment in the AFMT program should follow these instructions. All required forms are available under the Program Forms and Documents section (bottom of page).

1. Complete an Application for Enrollment form.
2. Complete the AFMT Rubric - Student Questionnaire form.
3. Attach official college transcripts for all post-secondary institutions attended, including Antelope Valley College. If you have Advanced Placement (AP) credits, an official AP Score Report must be on file with the AVC transcript office. "Official" college transcripts must be submitted in a sealed envelope that has not been opened by the student.
 - One set of transcripts is to be turned in with your application and one set must also be on file with the AVC transcript office.
4. Attach a copy of your updated Education Plan completed by one of the listed AVC Counselors or Advisors assigned to the AFMT program (see list below). Appointments should only be made with the assigned personnel listed below. Appointments can be made through email at counseling@avc.edu or by calling (661) 722-6300 ext. 6338. Request to meet with one of the following:
 - Monica Carreon
 - Patty King *
5. Submit items 1 through 4 to the Aerospace, Industrial Arts, & Applied Technologies division office, Enterprise Lab, Room 136. Items 1 through 4 are considered your "application packet". You may also mail your application packet to: Antelope Valley College, Attn: Rosie Heasley, 3041 W. Avenue K, Lancaster, CA 93536. An after-hours drop box is located outside of EL-136 for application submissions; however, late applications will not be considered for admission.

Students are notified of their acceptance/non-acceptance via email, to the applicant's AVC email account. Notices are sent approximately 4-5 weeks after the deadline has closed.

*Approved to evaluate transcripts from other institutions.

Selection Procedure:

Beginning summer 2024, student eligibility for admission to the program will be determined by multi-screening criteria. Applications will be ranked based on their scholastic eligibility. Scholastic eligibility is determined by the multi-screening criteria listed below under Program Forms and Documents - Application Rubric. Students are advised of eligibility to enroll in the AFMT program by electronic mail. Incomplete packets will not be considered. Students not admitted need to reapply the following year.

Program Additional Notes:

- Submission of an application for enrollment form does not guarantee a student's admission to the program.
- Applications are accepted once a year during the designated application period only.
- There is currently one track available - Junior Track (3rd & 4th Year - 2 years).
- Classes are offered in the evenings, during the fall, spring, and summer terms.
- Cohorts are admitted annually in the fall semester.
- The program is limited to 18 students per year.
- Part-time students must meet with the program's Lead Faculty to discuss progression as part-time students.