

Aircraft General Mechanic Certificate

Full-Time, Fall Start

www.pima.edu/aircraft-general-cert

Learn basic skills in aircraft general mechanics, including common safety practices used when working on and around aircraft and related support equipment, how to identify and use applicable maintenance publications and documents, and knowledge and understanding of Federal Aviation Administration regulations.

This training can lead to work as a panel technician in an aircraft facility. Combine with the Aircraft Airframe Mechanics and/or Aircraft Powerplant Mechanics certificates for an entry-level position in aircraft manufacturing or maintenance and repair.

Special Admissions Program: You are not fully admitted to this program until you have fulfilled the requirements listed and have been officially admitted to the program. See the Aviation Program Assistant for details.

Students must complete courses in a specific order per 14 CFR, Part 147. See Aviation Program Assistant or Applied Technology Advisor for more information regarding this requirement

Title IV Financial Aid eligible: Yes

What can I do with this certificate?

Career Options: Entry-level positions in aircraft maintenance and repair.

Academic Options: Continue your studies by taking additional aviation certificates or the Aviation Technology AAS degree.

CHOOSE YOUR COURSES WITH YOUR COLLEGE ADVISOR

Placement

Students must meet prerequisite standards before taking the AVM courses in the pathway below. If you are not prepared for these courses based on placement results you will need to take courses to build your skills prior to taking them. The sequence of courses follows.

Math: ICS 081 > MAT 092

Reading: ACL 080 > REA 091

Semester Pathway

This pathway is a suggested sequence of courses for your program of study. Work with an advisor to develop a unique pathway for you based on your placement recommendations, any prior college courses, and your specific situation.

Semester 1 - Fall (Semester Total: 16 credits)

AVM 114: Regulatory Requirements (3 credits)

AVM 202: Aviation Safety (2.5 credits)

AVM 205: Motion Dynamics (2.5 credits)

AVM 206: Materials and Processes (2.5 credits)

AVM 207: Weight and Balance (2.5 credits)

GTM 105V: Applied Technical Mathematics for Aviation (3 credit)

Semester 2 - Spring (Semester Total: 7 credits)

AVM 110: Aircraft Blueprint Reading (3 credits)

AVM 208: Basic Electricity (4 credits)

PROGRAM TOTAL: 23 credits

Program/Major Code: **CTRAGM/AGM**

**Find more information about this program at:
www.pima.edu/aircraft-general-cert**