

Aviation Maintenance Technology Airframe Certificate *Pending Federal Aviation Administration approval.*

Students should consult with an advisor about the general education course requirements.

A candidate for the Aviation Maintenance Technology program must select this schedule.

Course #	Course Title	Credits	Prerequisites
First Semester			
	General Education Course*	3	
AMT 101	General Module 1 (5 weeks)	6	ENL020 & ENL050 or Satisfactory basic skills assessment
AMT 102	General Module 2 (5 weeks)	6	AMT 101 with a grade of C or higher
Second Semester			
	General Education Course*	3	
AMT 201	Airframe Module 1 (9.5 weeks)	9	AMT 102 with a grade of C or higher
AMT 202	Airframe Module 2 (9.5 weeks)	9	AMT 201 with a grade of C or higher
Third Semester			
	General Education Course*	3	
Total Credits		39	

Overview

The Aviation Maintenance Technology certificate develops students towards an Airframe & Powerplant license. The Airframe Certificate requires a total of 39 credits for completion. Three general education courses are required for a certificate and can be taken at any time. The entire program develops students in a one year process as an Aviation Maintenance Technician.

Career Outlook

Labor market data shows a strong need for aviation industry education targeting occupations like aviation maintenance technicians, avionics, engineering & operating technicians, inspectors, aircraft structures, rigging & systems assemblers, aviation managers, and directors of maintenance. The 12 month program will increase the number of aviation technicians and address the regional workforce gaps.

Program Outcomes

Upon successful completion of the Aviation Maintenance Technology concentration, students are able to:

- Receive Airframe Certificate.
- Sit for FAA license exam.
- Demonstrate the knowledge of aviation maintenance and increase opportunities to enter an aviation career field.

*General education courses may be chosen from a list in the college catalog. Three general education courses are required for certificate program. Choose from the following list to stack for the Associate in Applied Science Aviation Maintenance Technology:

- ENL101 English Composition I
- ENL102 English Composition II
- PHY151 Physics I
- GIT110 Microcomputer Applications Software
- 1 Mathematics:
 - MAT150 Elementary Statistics (or)
 - MAT175 College Algebra (or)
 - MAT180 Applied Calculus (or)
 - MAT240 Calculus I
- Recommended for transfer to Bridgewater State University:
 - PHI131 Logic
 - ECO117 Macroeconomics
 - MAT240 Calculus

The AMT curriculum will be offered eight hours a day for five days a week. The posted schedule will allow for a few holidays.
MA Aviation Workforce Development web site:
www.mass.gov/lwd/