

AVIATION MAINTENANCE TECHNOLOGY, AS

Program code: AVIA-AS

Location: Asnuntuck, Gateway

Program Description

To be eligible for an Associate in Science degree in Aviation Maintenance Technology program a student must successfully complete a Federal Aviation Agency (FAA) approved Airframe and Powerplant Mechanics program that is offered at FAA approved schools and have an active license. Thirty credits will be granted to individuals who have an active FAA license. An additional 33-34 credits of college instruction must be completed for the Associate in Science degree. FAA schools can be found at Aircraft Maintenance Technician Schools (AMTC). (https://www.faa.gov/licenses_certificates/airline_certification/amts)

Learning Outcomes

Upon successful completion of all program requirements, graduates should be able to:

1. Perform mathematics related to the occupation, including but not limited to algebra, arithmetic, decimals, and graphs
2. Use the scientific method and critical thinking to solve problems related to the occupation
3. Apply knowledge of theory and safety to accomplish certain tasks related to the occupation
4. Identify and use the appropriate tools, testing procedures, and measurement equipment to accomplish certain tasks related to the occupation

Graduates of this program may obtain employment as mechanics at airports, technicians with aircraft and powerplant companies, or they may continue their education toward a Bachelor's degree in the industrial and manufacturing fields.

Degree Requirements

Code	Title	Credits
General Education Courses		
ENG 1010	Composition	3
MATH 1600	College Algebra	3
Elective ARHX - Arts & Humanities Course		3-4
PHYS 1201	General Physics I	4
Elective HISX - Historical Knowledge Course or Elective SBSX - Social / Behavioral Science Course		3
Elective ORAX - Oral Communication Course or Elective WRIX - Written Communication II Course		3
CCS 1001	College and Career Success	3
Program Courses		
MATH 1610	Precalculus	4
CENT 1016	Computer Applications for Technology	3
PHYS 1202	General Physics II	4

Airframe and Powerplant Mechanics Program

Student must successfully complete a Federal Aviation Agency (FAA) approved Airframe and Powerplant Mechanics program that is offered at FAA approved schools and have an active license.	30
---	----

Total Credits	63-64
----------------------	--------------