

Airframe Maintenance

There is a growing need for trained and certified airframe maintenance technicians. In response, Delaware Tech has developed a program to provide students with the knowledge and skills necessary to gain Federal Aviation Administration (FAA) licensing and the opportunity to enter into a challenging, exciting career in the aviation industry.

The Airframe Maintenance Technology program will allow an individual to earn an associate degree and will prepare them to successfully complete the FAA exams for certification.

It is through the study of aviation maintenance theory and practical application that students will develop critical thinking and manipulative skills. Students also will become familiar with the tools and technologies to become successful in the field of aircraft maintenance.

What You'll Learn...

- Cleaning & corrosion control
- Aircraft drawings
- Maintenance forms & records
- Basic physics
- Ground operation & servicing
- Ice & rain control systems
- Position and warning systems
- Aircraft covering
- Cabin atmosphere control systems
- Aircraft finishes
- Communication & navigation systems
- Sheet metal
- Aircraft electrical systems
- Hydraulic & pneumatic power systems
- Assembly & rigging
- Airframe inspection
- Fire protection systems
- Aviation mathematics
- Aircraft welding
- Wood structures

What You'll Earn...

- The knowledge and skills necessary to be an aircraft technician
- Excellent employment and advancement opportunities in a growing industry
- Competitive annual salaries ranging from \$32,000 - \$55,000 +
- Credits that can be used towards earning a bachelor's degree in aviation management at a four-year college or university

What You Can Do...

- Repair & maintain aircraft structure
- Service aircraft systems
- Work in a diverse field
- Grow in a challenging industry
- Acquire additional FAA ratings

AIRFRAME MAINTENANCE

The Airframe Maintenance Technology program is designed to develop within the student 15 knowledge and skills which are required to be an airframe maintenance technician professional. Upon completion of this program, the student will be prepared to take his or her FAA certification tests and earn an FAA airframe license. The program is presented in two sections:

- **General:** the student will develop fundamental knowledge and skills in a variety of subjects relating to the principles of aircraft maintenance and of the tools and technologies required to do the job.
- **Airframe:** the student will become knowledgeable about aircraft systems and operations; students will gain hands-on experience while fulfilling project requirements in the lab and on authentic aircraft.

PROGRAM FACTS

- New state-of-the-art labs and classrooms
- Day courses are available

OPTIONS

- An associate degree and certificate are available in Airframe Maintenance Technology

DELAWARE TECH

Delaware Technical & Community College

Jack F. Owens Campus

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REQUIRED TECHNICAL COURSES

AVC 101	General Airframe
AVC 120	Airframe I
AVC 210	Airframe II
AVC 220	Airframe III
MAT 125	Airframe Math for the Trade
ECC 122	Airframe Electronic Devices/Circuits I

REQUIRED SUPPORT COURSES

ENG 121	Composition
CIS 107	Intro to Computers & Applications
ECO 111	Macroeconomics
ENG 121	Technical Writing & Communication
PSY 100	Human Relations
PSY 121	General Psychology
RDG 120	Critical Reading & Thinking
ENG 124	Oral Communication

HOW TO BEGIN –

1. Submit an Application for Admission with a one time, non-refundable application fee. Make check or money order payable to *Delaware Technical & Community College*. Applications may be requested by phone (302-856-5400, ext. 6010) or mail, via the Web, or from a high school counselor.
Applications may be printed from the Web at www.dtcc.edu/all/forms.
2. Develop a financial plan to identify resources (financial aid/SEED/other scholarships) to help pay for college.
3. Request that your official high school, GED and/or college transcript be sent immediately to the Admissions Office.
4. Participate in the college testing and placement program, if required. Official SAT/ACT tests taken within the last five years may be submitted to satisfy this requirement.
5. Arrange an appointment for an acceptance interview with a counselor after taking the placement test.
6. Meet for advisement to discuss the curriculum and select courses for registration.