

Airframe Maintenance

Associate Degree • Delaware Technical & Community College • www.dtcc.edu

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
- Hydraulic & pneumatic power systems
- Ground operation & servicing
- Aircraft electrical systems
- Wood structure, coverings & finishes
- Cabin atmosphere control systems
- Fire protection systems
- Communication & navigation systems
- Sheetmetal structures
- Position and warning systems
- Assembly & rigging
- Airframe inspection
- Aviation mathematics
- Aircraft welding
- Ice & rain control systems
- Basic physics

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 the knowledge and skills of 28 subjects 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
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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. Obtain, complete, and submit an Application for Admission with a \$10 non-refundable fee to the Admissions Office. Make check payable to Delaware Technical & Community College. Applications are available via the Web (www.dtcc.edu/admissions), by phone or mail, or from a high school counselor.
2. Develop a financial plan to identify resources, such as financial aid, SEED, and 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 scores from SAT/ACT tests or previous college credit may satisfy this requirement.
5. Meet for advisement to begin an educational plan and select courses for registration.