

Aviation Aerospace Technology

TECH PREP

Jackson Center

2 Year Program

Mr. Mark Lamb

Students will learn topics in aviation including: aviation history, aerodynamics, flight technology (Private Pilot), air navigation, meteorology, NASA, FAA regulations, shop safety and skills to become an Airframe and Powerplant Technician.

Related Job Titles

Licensed Private Pilot
Licensed Aircraft Technician
FAA Management Positions
Aviation Support Personnel

Career Ladder

Private Pilot
Airframe & Powerplant Technician
FAA Federal Employee
Aviation Management Positions

Skills You Will Learn

- Concepts of Aviation Science and Physics
- Flight simulation
- Introduction to Private Pilot License
- Ground School for Aircraft Operation
- Mechanical skills needed to become A&P Technicians

Continuing Education

Mercer County College

- Flight Tech Program

Florida Institute of Technology
Embry-Riddle Aeronautical University

Worker Requirements

You should prefer:

- Doing detailed work
- Organizational and logical work habits
- Shift work
- Working in teams

You should be able to:

- Follow rules and regulations of FAA and OSHA
- Understand basic algebra
- Understand basic physics

Physically you must:

- Be drug and alcohol free
- Operate machinery
- Be able to lift 30 lbs.

Additional Information

New Jersey Aviation Education Council
c/o Mercer County College
PO Box "B" Trenton, NJ 08690

Civil Air Patrol: www.cap.gov

NASA: www.nasa.gov

Aircraft Owners and Pilot Association:
www.aopa.org

A Tech Prep agreement is in place with Mercer County College, enabling students to receive six college credits upon successful completion of the course and challenge exam.