Aviation Maintenance Technician







Skills recommended to be successful in this career pathway:

TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER CLUSTER

ESSENTIAL SKILLS



Oral communication



Written communication



Physical strength/mobility



Safety awareness



Reasoning skills/mechanical aptitude



Perceptual speed/clerical & auditory perception



Visual acuity/depth perception

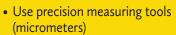


Eye/hand/arm coordination/manual dexterity

ACADEMIC SKILLS



APPLIED MATHEMATICS



- Measure to nearest 1/10,000 inch
- Use algebraic equations (Ohm's Law)



WORKPLACE DOCUMENTS

- Complete log books
- Understand/use technical jargon
- Read/understand FAA regulations/laws



GRAPHIC LITERACY

- Understand wiring schematics
- Read blueprints/diagrams
- Use exploded diagrams for repairs

DID YOU KNOW STUDENTS IN THIS PROGRAM...

- * Work in confined spaces, various heights and all types of weather
- * Complete very detailed work tasks
- * Have or develop troubleshooting/ problem-solving skills
- Work as a team to complete complex repairs
- * Pass a drug test per FAA regulations

- Learn how automated and computerized systems control aircraft operations
- Learn and follow FAA regulations
- * Use all types of tools and specialized equipment
- Perform precise work that requires high standards of completion

COURSES



- Aviation
- Aviation Maintenance –
 General



- Aviation Structure and Design
- Aviation Airframe Systems and Components



VIEW Great Oaks Course Guide greatoaks.com/ course-guide

*Courses subject to change.





Aviation Maintenance Technician

IS THIS YOU?



Find your work personality type with this free assessment at truity.com:



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

Realistic | Conventional

Realistic personality types are "doers;" they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive, and interested in activities that require motor coordination, skill, and strength. Doers with a secondary personality type of "conventional" like to work in organized, independent and structured environments.

Key strengths that lead to success in this career path

- ✓ Attention to detail
- ✓ Persistence
- ✓ Integrity
- ✓ Self-control
- ✓ Dependability
- Adaptability/ flexibility

WORK-BASED LEARNING OPPORTUNITIES

- ► Job shadowing
- Guest speakers

- ► Field trips
- ► Internships with local air carriers (Delta, Kalitta Air)

COLLEGE & CAREER READY

Career Credentials

- Federal Aviation Administration (FAA) Airframe Mechanic
- OSHA 10 General Industry
- Snap On Battery Charging
- Snap On Multimeter
- CPR/First Aid



For more information, visit ohiohighered.org

CAREER PATHWAYS

After earning credentials, get more education and experience to



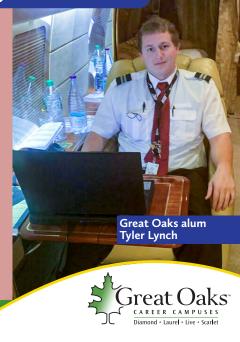
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VIEW Essential Skills Guides greatoaks.com/ essential-skills

- >> FAA-certified airframe mechanic
- Parts manager
- ▶ General aviation technician
- Corporate aviation technician
- Private aviation technician

Entry-level pay range in Ohio

\$22 - 47 per hour











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