

# Aviation Maintenance Technician



Diamond Oaks  
Laurel Oaks



**MORE INFO**  
[greatoaks.com/aviation](http://greatoaks.com/aviation)



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

- Use precision measuring tools (micrometers)
- 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



**YEAR  
1**

- Aviation
- Aviation Maintenance – General



**YEAR  
2**

- Aviation Structure and Design
- Aviation Airframe Systems and Components



VIEW Great Oaks  
Course Guide  
[greatoaks.com/course-guide](http://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](https://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  | ▶ Field trips  |
| ▶ Guest speakers | ▶ 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](https://ohiohighered.org)

## CAREER PATHWAYS

After earning credentials, get more education and experience to

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

GO HERE



VIEW Essential Skills Guides  
[greatoaks.com/essential-skills](https://greatoaks.com/essential-skills)

Entry-level pay range in Ohio

**\$22 - 47**  
per hour



Great Oaks alum  
Tyler Lynch