Aviation Maintenance Technology

Accreditation, Assessment, Graduation Rates and Employment Information

Accreditation

The Aviation Maintenance Technology degree program is accredited by the Aviation Accreditation Board International (www.aabi.aero). Program accreditation was reaffirmed in 2017 for five years through 2022.

The Aviation Maintenance Technology Program Educational Objectives are:

- Within two years of graduation, Aviation Maintenance Technology (AMT) graduates will be employed in positions such as aircraft maintenance technician, product field service, manufacturer-customer technical liaison, technical publications and field test technician. Graduates will be demonstrating their critical thinking, communication, team work, leadership, global awareness, and technology abilities on a daily basis.

- Five to ten years after entering the industry, AMT graduates will advance into supervisory and senior position roles. Examples of these positions are shift foreman, inspector, lead technician, and senior product support specialist.

- Ten to fifteen years after graduation, AMT graduates will hold management positions. Department manager, project manager, and team leader are examples of the positions that they may have.

- As their careers progress, Aviation Maintenance Technology alumni will continue to move forward into high-level management positions such as director of maintenance and director of product support.

Assessment

The College of Aviation Learning Objectives are:

Graduates of the College of Aviation will demonstrate the ability to:

a. apply mathematics, science, and applied sciences to aviation-related disciplines.
b. analyze and interpret data.
c. work effectively on multi-disciplinary and diverse teams.
d. make professional and ethical decisions.
e. communicate effectively, using both written and oral communication skills.
f. engage in and recognize the need for life-long learning.
g. assess contemporary issues.
h. use the techniques, skills, and modern technology necessary for professional practice.
i. assess the national and international aviation environment.
j. apply pertinent knowledge in identifying and solving problems.
k. apply knowledge of business sustainability to aviation issues.
The Aviation Maintenance Technology Program Learning Objectives are:

Students who graduate from the Aviation Maintenance Technology program will:

- Demonstrate an in depth technical knowledge of aircraft systems and operation.
- Demonstrate appropriate skills, techniques, and accepted practices necessary for aircraft maintenance and determination of airworthiness.
- Apply cognitive reasoning skills to aircraft systems analysis and troubleshooting.
- Obtain the F.A.A. aircraft maintenance technician license with airframe and powerplant ratings.
- Have knowledge of regulatory and legal issues which impact the industry.

Program learning outcomes will be completely assessed over a three (3) year cycle by measuring selected student outcome achievement against target metrics. If the target is not met, data-driven changes are made and the outcome reassessed during the next data collection period.

Graduation Rate

- The College of Aviation graduation rate is 67%.

Employment Information
Aviation Maintenance Technology

Post-Graduation Activity

92% of degree recipients were actively engaged.

<table>
<thead>
<tr>
<th>Count</th>
<th>Percent</th>
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<tbody>
<tr>
<td>Actively Engaged</td>
<td>11</td>
</tr>
<tr>
<td>Not Actively Engaged</td>
<td>1</td>
</tr>
</tbody>
</table>

Employed full time | 10 | 83%
Looking for work | 1 | 8%
Continuing education | 1 | 8%

Full-time Employment

- Median salary was $35,000 to $40,000 (based on 6 responses).
- 78% were located in Michigan.
- 83% indicated their job was related to their degree.
- 100% were satisfied with their job.

Sample Job Titles and Employers

A&P Mechanic at SkyWest
Aircraft Mechanic at Hawaiian Airlines
Aircraft Technician at Air Wisconsin Airlines
Airframe Technician at Duncan Aviation
Aviation Maintenance Technician at Bartelt Aviation
Avionics Technician at Heath Aviation
Fleet Maintenance Aircraft Detailer at WMU
Shift Leader-Quality Control at Imperial Beverage

Sample Continuing Education Choices

Masters in Engineering Management at WMU

About the Data

Graduating students were asked to provide their information through the WMU Post-Graduation Activity Survey within three months of their date of graduation. Some additional data was obtained from students’ public professional profiles.

<table>
<thead>
<tr>
<th>Bachelor’s degree recipients</th>
<th>15</th>
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<tbody>
<tr>
<td>Post-graduation data was obtained for</td>
<td>12 graduates (80%)</td>
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