



Aviation Technician – Airframe

TECHNICAL DIPLOMA

Program Code: 31-486-1

MATC Aviation Center/Oak Creek Campus

Get qualified to maintain aircraft electrical, instrument and power control systems. (A companion program in Powerplant maintenance also is offered.) MATC's Aviation Center is at 422 East College Avenue, east of the Oak Creek Campus.

Career Outlook

Skilled aviation mechanics with versatile knowledge are in demand.

Program Learning Outcomes

- Read and comprehend aircraft maintenance manuals
- Pinpoint aircraft malfunctions using schematics and diagnostic equipment
- Repair airframe structures and return aircrafts to service

Admission Requirements

- Completion of the Aviation Technician General Component or instructor approval
- A high school diploma or GED
- Background in mathematics and the physical sciences recommended



matc.edu/academic_programs/pathways

You can earn the Aviation Maintenance Technician – General certificate on the way to completing this technical diploma.

 **MILWAUKEE AREA *Technical College***
School of **TECHNOLOGY** and **APPLIED SCIENCES**

COURSES

Credits

GENERAL COMPONENT: AVIATION TECHNICIAN

(1) AVITEC-323	Aircraft Ground Operation and Servicing ^	3
(1) AVITEC-380	Basic Physics ^	1
(1) AVITEC-381	Basic Electricity ^	3
(1) AVITEC-382	Aircraft Materials and Their Inspection ^	3
(1) AVITEC-383	Aircraft Maintenance Publications, Records and Mechanics Regulations ^	1
(1) AVITEC-393	Mathematics for Aviation Technicians ^	2
(1) ENG-340	Workplace Communication ^	2

TOTAL CREDITS: 15

AVIATION TECHNICIAN – AIRFRAME

(2) AVITEC-320	Aircraft Electrical Systems	4
(2) AVITEC-340	Aircraft Welding	1
(2) AVITEC-367	Composite Structures	3
(2) AVITEC-368	Aircraft Structures	3
(2) AVITEC-370	Aircraft Instrument, Control, and Warning Systems 1	5
(2) AVITEC-372	Hydraulic and Pneumatic Power Systems	4
(2) AVITEC-371	Aircraft Instrument, Control, and Warning Systems 2 ‡	1
(2) AVITEC-376	Airframe Maintenance	4

TOTAL CREDITS: 25

() Semester order for full-time students.

‡ Prerequisite required.

^ Counts toward earning the Aviation Maintenance Technician – General certificate.

Program curriculum requirements are subject to change.

Student must maintain a 2.0 grade-point average in the General Component to be eligible for the Airframe program.

For complete information, go to matc.edu/tas

To apply for financial aid, visit fafsa.gov
School Code: 003866

Possible Careers

- Airframe Technician
- Aircraft Electrical Technician
- Aviation Technician
- Environmental Systems Technician
- Hydraulics Technician
- Powerplant Technician
- Structures Technician

Related Programs

- Aviation Maintenance Technician – General
- Automotive Technology – Comprehensive
- Diesel and Powertrain Servicing

Current MATC students should consult their Academic Program Plan for specific curriculum requirements.

This program is certified by the Federal Aviation Administration, 800 Independence Avenue SW, Washington, DC 20591; www.faa.gov; FAA (Federal Aviation Administration) CFR (Code of Federal Regulations) Part 147 Aviation Maintenance Technician School.



matc.edu or 414-297-MATC
Wisconsin Relay System 711

Downtown Milwaukee Campus
700 West State Street

Mequon Campus
5555 West Highland Road

Oak Creek Campus
6665 South Howell Avenue

West Allis Campus
1200 South 71st Street

**MATC Education Center
at Walker's Square**
816 West National Avenue, Milwaukee



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