



Aviation Technician – Airframe

TECHNICAL DIPLOMA

Program Code: 31-486-1

FAA-Certified - MATC Aviation Center/Oak Creek Campus

Get qualified to maintain aircraft electrical, instrument and power control systems. Program is certified by the Federal Aviation Administration. (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.

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

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)



Manufacturing, Construction & Transportation
MILWAUKEE AREA Technical College

COURSES	Credits
GENERAL COMPONENT: AVIATION TECHNICIAN	
AVITEC-323 Aircraft Ground Operation and Servicing ^	3
AVITEC-380 Basic Physics ^	1
AVITEC-381 Basic Electricity ^	3
AVITEC-382 Aircraft Materials and Their Inspection ^..	3
AVITEC-383 Aircraft Maintenance Publications, Records and Mechanics Regulations ^	1
AVITEC-393 Mathematics for Aviation Technicians ^ ...	2
ENG-340 Workplace Communication ^	2
(or) ENG-195 Written Communication ‡	

TOTAL CREDITS: 15

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

TOTAL CREDITS: 25

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

- Possible Careers**
- Aircraft Avionics System Technician
 - Aircraft Environmental Systems Technician
 - Aircraft Hydraulics System Technician
 - Aircraft Sheet Metal and Composite Structures Technician
 - Aircraft Line Maintenance Technician
 - Aircraft Component Overhaul Technician

- Related Programs**
- Aviation Maintenance Technician – General
 - Aviation Technician - Powerplant

This program is certified by the U.S. Department of Transportation, 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
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