

Aviation Technician – Airframe

PROGRAM CODE: 31-486-1

TD

Technical Diploma



Location: FAA-Certified MATC Aviation Center
(Oak Creek Campus)

Start Date: January

Admission Requirement: High school diploma or equivalent. This program admits students through a waiting list process. Visit the program's webpage at matc.edu to view the waiting list process and all requirements.

Academic Preparedness Requirements: Completion of the Aviation Technician General Component or instructor approval; background in mathematics and the physical sciences recommended.

Financial Aid Eligible: Yes. Use code 003866 at fafsa.gov.

Program Description

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.

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.



Complete Program Details

QUESTIONS? 414-297-8901 or mctpathway@matc.edu

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 ‡	

CREDITS

Total credits needed to complete this diploma

15

AVIATION TECHNICIAN – AIRFRAME

AVITEC-320	Aircraft Electrical Systems	4
AVITEC-340	Aircraft Welding	1
AVITEC-367	Aircraft 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

CREDITS

Total credits needed to complete this diploma

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.

MATC courses are offered in person, entirely online or partially online. Check each course's delivery options in Self-Service at selfservice.matc.edu.

This program is certified by the U.S. Department of Transportation, Federal Aviation Administration, 800 Independence Avenue SW, Washington, DC 20591; 866-835-5322
faa.gov; FAA (Federal Aviation Administration) CFR (Code of Federal Regulations) Part 147 Aviation Maintenance Technician School.