Workplace Competencies
Employers will expect program graduates to:
- Read and comprehend aircraft maintenance manuals
- Analyze and repair powerplant malfunctions
- Maintain aircraft powerplant subsystems and determine their airworthiness

Admission Requirements
- Completion of the Aviation Technician General Component or instructor approval
- A high school diploma or GED
- Demonstration of proficiency in basic skills through a course placement assessment
- Background in mathematics and the physical sciences is recommended

Career Outlook
Aircraft propulsion mechanics remain in high demand and work for airlines, corporations and commuter lines. Completing both the Powerplant and Airframe Aviation Technician diplomas boost earnings considerably.
Aviation Technician (Powerplant) Curriculum

GENERAL COMPONENT: AVIATION TECHNICIAN

Credits
AVITEC-323 Aircraft Ground Operation & Servicing ....... 3
AVITEC-380 Basic Physics .......................................... 1
AVITEC-383 Aircraft Maintenance Publications, Records and Mechanics Regulations ..... 1
AVITEC-393 Mathematics for Aviation Technicians ... 2
AVITEC-381 Basic Electricity .................................... 3
AVITEC-382 Aircraft Materials and Their Inspection . 3
ENG-345 Communications 1 .................................... 1
SOCSCI-330 Applied Economics & Human Relations ... 1

TOTAL CREDITS: 15

AVIATION TECHNICIAN - POWERPLANT

Credits
AVITEC-304 Aircraft Induction and Supercharging Systems .................. 1
AVITEC-306 Engine Lubricating Systems ................... 2
AVITEC-315 Aircraft Reciprocating Engines 1 .......... 2
AVITEC-318 Aircraft Gas Turbine Engines 1 ............ 2
AVITEC-360 Propeller Systems ............................... 2
AVITEC-302 Engine Fuel Meters Systems ............... 2
AVITEC-303 Powerplant Electrical and Instrument Systems .............. 5
AVITEC-316 Aircraft Reciprocating Engines 2 ‡ .......... 4
AVITEC-319 Aircraft Gas Turbine Engines 2 ‡ .......... 5

TOTAL CREDITS: 25

‡ Prerequisite required.

Curriculum requirements are subject to change.

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

For complete information, go to matc.edu/tas/index.cfm
To apply for financial aid, visit fafsa.ed.gov
School Code: 003866

Possible Careers
• Airframe Technician
• Aircraft Electrical Technician
• Aviation Technician
• Hydraulics Technician
• Powerplant Technician

Related Programs
• Auto Maintenance Technician
• Automotive Technology
• Diesel and Powertrain Servicing

For more information:
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