



Diesel and Powertrain Servicing

TECHNICAL DIPLOMA Program Code: 31-412-3

Oak Creek Campus

This program prepares you for servicing equipment powered by diesel or natural gas fueled engines, such as construction equipment and marine applications, with emphasis on the heavy truck field.

Career Outlook

There is steady demand for truck and heavy equipment mechanics in the transportation and construction equipment industries.

This program features exploratory courses that count toward a credential. Contact an MATC advisor for information.

Program Learning Outcomes

- Demonstrate preventive maintenance skills relative to checking, lubricating and making necessary adjustments and minor repairs
- Apply skills in specialized test equipment and machine tools
- Demonstrate accuracy in identifying component parts and assemblies
- Apply skills in troubleshooting and repairing engines, drive components and electrical components

Admission Requirement

- High school diploma or GED recommended



Manufacturing, Construction & Transportation
MILWAUKEE AREA Technical College

matc.edu | 414-297-MATC

Start dates: August and January

For complete information, go to

matc.edu/course-catalog/manufacturing-construction-transportation

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

COURSES

Credits

DIESEL-301	Diesel Fuel Systems ‡.....	2
DIESEL-306	Engine Construction and Installation ‡.....	5
DIESEL-307	Electrical/Electronics Shop ‡	5
DIESEL-308	CNG Engine Operations for Heavy-Duty Applications ‡	1
DIESEL-338	Emission Control Systems ‡	2
DIESEL-319	Driveline Components ‡	5
DIESEL-333	Heavy Truck HVAC Systems ‡	2
DIESEL-341	Front-End, Brake and Suspension Systems ‡.....	5
DIESEL-345	Preventive Maintenance ‡	2
ENG-340	Workplace Communication	2
	(or) ENG-195 Written Communication ‡	
	(or) Any 200-level ENG course	
WELD-305	Fundamentals of Oxyfuel Welding	1

TOTAL CREDITS: 32

‡ Prerequisite required.

Program curriculum requirements are subject to change.

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

This program is accredited by the ASE Education Foundation, 1503 Edwards Ferry Road NE, Suite 401, Leesburg, VA 20176; 703-669-6650; aseeducationfoundation.org.

Possible Careers

- Diesel Mechanic
- Truck Mechanic
- Service Technician

Related Programs

- Automotive Maintenance Technician
- Automotive Technology - Comprehensive
- Aviation Technician - Airframe
- Aviation Technician - Powerplant



10% Post Consumer Recycled



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