

# Diesel and Powertrain Servicing

PROGRAM CODE: 31-412-3



Technical Diploma



COURSE	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 Preventative Maintenance ‡	2
ENG-340 Workplace Communication	2
(or) ENG-195 Written Communication ‡	
WELD-305 Fundamentals of Oxyfuel Welding	1

**Location:** Oak Creek Campus  
**Start Dates:** August and January  
**Admission Requirement:** High school diploma or GED recommended  
**Financial Aid Eligible:** Yes.  
 Apply at [fafsa.gov](https://fafsa.gov). Use School Code 003866.

CREDITS  
 Total credits needed to complete this diploma **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](http://aseeducationfoundation.org).

## Program Description

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.

## 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.



Complete Program Details

QUESTIONS? 414-297-8901 or [mctpathway@matc.edu](mailto:mctpathway@matc.edu)