



# Diesel Equipment Technology



## 60-credit Associate of Applied Science Degree

For more information: [www.wctc.edu/diesel](http://www.wctc.edu/diesel)

In the Diesel Equipment Technology program, gain an overview of essential diesel servicing and repair techniques for the various equipment that uses diesel technology. Receive training in diesel engines, suspension and steering, electronics, drive train, hydraulics, brakes and preventive maintenance, heavy equipment welding, heavy equipment fuel systems, as well as HVAC and refrigeration systems. Additionally, learn workplace safety standards and develop customer service skills.

- Diesel equipment technicians can work in a number of industries, including trucking, local government, agricultural equipment dealers and more.
- Prepare for jobs such as diesel equipment mechanic, heavy equipment technician, service department assistant and service technician.
- WCTC's School of Applied Technologies also offers a 5-credit Truck Driving – CDL B Straight Truck certificate, which can serve as a complement to the Diesel Equipment Technology program. (Employers find additional value in employees who can test drive the vehicles they repair.)

PROGRAM CODE 10-412-1

Credits

### CORE COURSES:

412-100	Preventative Maint and Inspect	3
412-101	Fund Diesel Elec/ Electron Sys	3
412-102	Diesel Brakes and Air Systems	4
442-103	Heavy Equip Welding Fund	2
412-106	Diesel Elec Sys Diagnostics	3
412-107	Heavy Duty Drivetrains	4
412-108	Diesel Engine Tech	2
412-110	Internship-Diesel Equipment	1
412-112	Diesel Engine Repair	4
412-113	Diesel Fuel Systems	4
412-114	Steering and Suspension	4
412-117	Diesel Engine Diagnostics	2
412-118	Basic Shop Skills	2
412-119	Cab Climate and Refrig Sys	3
412-120	Hydraulics Fundamentals	3

### GENERAL STUDIES:

804-107	College Mathematics	3
890-108	Employment Success	1
801-136	English Composition 1	3
801-196	Oral/Interpersonal Comm	3
806-139	Survey of Physics	3
809-199	Psychology of Human Relations	3

### FALL OR SPRING START

General Studies courses are available both fall and spring, but the first semester core program courses may only be offered in the fall.

Curriculum is current as of printing. For available proficiency exams or course prerequisites, visit [www.wctc.edu](http://www.wctc.edu).