

DIESEL MEDIUM & HEAVY TRUCK TECHNICIAN



One-Year Technical Diploma 32-412-8

The Diesel Medium and Heavy Truck Technician program prepares students for entry-level employment as a diesel truck technician working in over-the-road truck fleet maintenance, dealership service, or repair shop service. This two-semester technical diploma will focus on basic skills and knowledge in diesel engines, diesel fuel systems, truck brakes and chassis, steering and suspension, climate control, hydraulic applications, electronic technology, and truck preventive maintenance.

Upon successful completion of this technical diploma, students will be able to:

- Diagnose, repair and service Brake systems
- Diagnose, repair and service Drive Train systems
- Diagnose, repair and service Electrical/Electronic systems

Semester 1		Credits
412-450	Introduction to Heavy Diesel	1
412-451	Brake Service 1	1
412-452	Brake Service 2	2
412-453	Brake Service 3	1
412-454	Steering & Suspension 1	1
412-455	Steering & Suspension 2	1
412-456	Steering & Suspension 3	1
412-457	Steering & Suspension 4	1
412-458	Drivetrain 1	1
412-459	Drivetrain 2	1
412-460	Drivetrain 3	1
412-462	Electrical Fundamentals 1	1
Credits		13

Semester 2		Credits
412-463	Electrical Fundamentals 2	1

412-464	Electrical Fundamentals 3	1
412-465	Electrical Fundamentals 4	1
412-470	Diesel HVAC 1	1
412-471	Diesel HVAC 2	1
412-474	Engine Fundamentals 1	1
412-475	Engine Fundamentals 2	1
412-476	Engine Fundamentals 3	1
412-488	Diesel Fuel Systems 1	1
412-489	Diesel Fuel Systems 2	1
412-492	Inspection & Maintenance Procedures 1	1
412-493	Inspection & Maintenance Procedures 2	1
412-494	Inspection & Maintenance Procedures 3	1
458-101	CDL for Non Truck Driving Occupations	3
Credits		16
Total Credits		29

The Diesel Medium and Heavy Truck Technician technical diploma offers the following career opportunities:

Diesel Mechanic
 Diesel Mechanic Apprentice
 Engine Maintenance Mechanic
 Farm Equipment Mechanic
 Service Engine Repairer