

NORTH MONTCO TECHNICAL CAREER CENTER

DIESEL TRUCK TECHNOLOGY

As the trucking industry continues to expand, the demand is growing for mechanics and technicians to repair and maintain diesel engines. **The Diesel Truck Technology program** provides realistic marketable entry-level skills to secondary students and adults. This program follows the ASE/NATEF national standards for Medium-Heavy Duty Diesel Truck technology.

What you will learn:

- Brake systems
- Drive trains
- Electrical/electronic systems
- Suspension and steering systems
- Preventive maintenance
- Diesel Engines

Physical criteria:

- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/Pulling
- Good depth and color perception

Career possibilities:

- Diesel Engines Mechanic
- Preventive Maintenance Mechanic
- Drive Trains Mechanic
- Diesel Engine Specialist
- Brake Specialist

Career possibilities with additional education:

- Diesel Technology Instructor
- Service Manager
- Service Technician

Uniform/equipment list:

(With approximate costs)

- Power and Transportation Cluster uniform shirt (**shirt must be purchased from the NMTCC Power and Transportation Cluster**), safety glasses, 1" binder and pencil, SkillsUSA dues (\$30)
- Work pants (\$15-\$20)
- Work boots (\$20-\$30)
- USB flash drive (also known as a jump drive or memory stick) (\$10-15)
- Program related workbooks (\$22-60)

Class of 2010 graduation plans:

- 67% plan to continue their education in this field
- 33% plan to continue their education in another field

Certifications students can earn:

- SP/2 Safety and Pollution Prevention
- PA Certified Safety Inspection Mechanic (evening class)

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