

# 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
- Parts Advisor
- Service Advisor

### Career possibilities with additional education:

- Diesel Technology Instructor
- Service Manager
- Service Technician
- Service Show Owner

### Uniform/equipment list:

- Power and Transportation Cluster uniform shirt
- Safety glasses
- 1” binder and pencil
- Activity fee (\$20)
- Work pants
- Work boots
- USB flash drive
- Program related workbooks and certification fees( \$22-100)

### Class of 2019 graduation plans:

- 17% will be working in this field
- 17% plan to continue their education in this field
- 33% plan to continue their education in a different field
- 33% plan to work in a different field

### Certifications students can earn:

- SP/2 Safety and Pollution Prevention
- PA Certified Safety Inspection Mechanic
- PA Certified Emissions Inspector
- EPA 609 Refrigerant Certification

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