

Diesel Mechanic



What They Do

Diesel mechanics diagnose, adjust, repair, or overhaul over-the-road and off-road equipment including trucks and buses, farm machinery, construction equipment, and other heavy equipment.

Job Duties

- Perform routine maintenance on diesel powered equipment
- Troubleshoot mechanical systems using knowledge and understanding of systems
- Diagnose system faults using state-of-the-art diagnostic test equipment
- Perform repairs to system components
- Inspect machines for potential mechanical issues and downtime prevention
- Participate in continuing education / training
- Assist with normal shop cleanup and maintenance tasks

Job Earnings

2019 Median \$52,000 annual average depending on industry. \$56,230 for over-the-road trucks and buses, \$41,460 for agricultural equipment, \$57,680 for heavy construction equipment.

Education/Training

While most diesel service technicians and mechanics learn on the job after a high school education, employers are increasingly preferring applicants who have completed postsecondary training programs in diesel engine and machinery system diagnostics and repair

Job Outlook

In 2016 there were 15,010 Diesel Technicians in New York State. The job outlook for this industry remains good as 1,590 jobs are expected to be available annually due to job creation, attrition and retirement.

Career Title - Career Pathway

Ways to start preparing for you future career TODAY!

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Middle/High School Classes to Take:

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- Shop / Tech / Mechanics
- Math
- Physics
- English
- Computer applications

2

Clubs/Extracurricular Activities:

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- Skills USA
- Camp Hard Hat

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Local BOCES/Career & Technical Education Programs:

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- Genesee Valley BOCES - Diesel Mechanics (Batavia and Mt. Morris)
- Monroe2BOCES -Heavy Equipment Operation & Maintenance
- Orleans Niagara BOCES - Diesel Technology / Heavy Equipment / Agriculture Me

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Volunteer Opportunities:

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- Habitat for Humanity of Genesee County
- United Way of Genesee County:
- United Way of Livingston County
- Habitat for Humanity of Livingston County
- Community Action of Orleans & Genesee
- Orleans County Cornell Cooperative Extension
- Community Action of Wyoming County

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Local Colleges/Training:

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- SUNY Alfred - Heavy Equipment, Truck, and Diesel Technician
- SUNY Morrisville Diesel Technology Degrees
- SUNY Cobleskill Diesel Technology