

Heavy Equipment Operation and Maintenance



Work outdoors and always be part of something big!



Prepare for a commercial driver's license (CDL) and learn skills required by heavy equipment operators for construction, landscaping and highway industries, as well as maintenance and repair of construction-related equipment.

Units of Study

- Basic Operating Techniques
- Orientation to the Trade
- Identification of Heavy Equipment
- Introduction to Hand & Power Tools
- Welding/ Oxy-Acetylene Torching
- Preventative Maintenance of Heavy Equipment
- Career and Financial Management
- Career Exploration
- Basic Employability & Leadership Skills
- CDL General Knowledge Exam Prep
- CDL Airbrake Prep
- Certified Excavator Program Training
- Diesel Mechanic

Available Academic Credits

- English

Licensing / Industry- Based Certifications

- American Red Cross First Aid/CPR/AED Certification
- NCCER Certifications for Core and Level 1 Heavy Equipment Operations Modules
- OSHA 10 Construction Industry
- Dig Safely New York, Inc. Certified Excavator Program (CEP) in Safe Digging Best Practices
- Prepare for NYS CDL Class B Permit Exam

Work-Based Learning

CTE programs bring students into the workplace for real life experiences. Businesses that supports our Heavy Equipment Operation and Maintenance program:

- Brodner Equipment
- The Dolomite Group
- Homesteads for Hope
- Monroe County Parks
- Monroe Tractor
- Spencerport Volunteer Fireman's Assoc.

Articulation Agreements

Alfred State



Career Paths

All CTE programs correlate to many career paths.

↓ Start Here

- Equipment Operator
- Heavy Duty Mechanic Assistant

Go Here ↓

with more education & experience

- Site Engineer
- Project Estimator
- Land Developer

Explore more:

<https://www.careerzone.ny.gov/>
<https://www.onetonline.org/find/>



WEMOCO Career & Technical Education Center
Monroe 2-Orleans Board of Cooperative Educational Services
Monroe2BOCES.org/cte 585-352-2471
3589 Big Ridge Road, Spencerport, New York 14559

