

HEAVY EQUIPMENT OPERATIONS & MAINTENANCE



Students gain the skills and knowledge to excel in a heavy equipment career. By blending classroom instruction and hands-on training, they learn to operate and maintain various types of heavy equipment, including backhoes, bulldozers, excavators, and loaders. The program covers equipment and worker safety, preventative maintenance, troubleshooting, and repair techniques. Working with real equipment in our yard and shop, students prepare to enter the workforce with the foundational skills to meet industry demands.

CAREER OPPORTUNITIES:

- Equipment operator
- Equipment parts sales/management
- Heavy equipment marketing and sales
- Service technician
- Shop manager/owner



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SALARY RANGE

**\$30,020 –
\$130,000**



22%

PROJECTED GROWTH IN NYS

2020–2030



**ANNUAL PROJECTED
JOB OPENINGS**

14,330

(Source: CareerOneStop, sponsored by the U.S. Department of Labor, Heavy and Tractor-Trailer Truck Drivers, Agricultural Equipment Operators, Mobile Heavy Equipment Mechanics, Industrial Truck and Tractor Operators, and Operating Engineers and Other Construction Equipment Operators, Zip: 12180, September 2024)

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TECHNICAL ASSESSMENT:

- NCCER Heavy Equipment Operator's Certificate Level 1/Core
- Successful passing of this written exam may be counted as the fifth required Regent's exam for graduation.*

INDUSTRY-BASED CERTIFICATIONS:

- Class B CDL
- NCCER Cert
- OSHA 10
- ATSSA Flagger Certification
- Dig Safe

AVAILABLE CREDITS:

- Math 11 (1 credit)
- Science 11 (1 credit)
- English 12 (1 credit)

Please contact your home district counselor for the availability of these credits.

COLLEGE AGREEMENTS:

Students who continue their education can receive credits from the following colleges if they attend their school:

- University of NW Ohio



www.questar.org/cte

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2 YEAR PROGRAM:
GRADES

11-12



PROGRAM
GRADUATION RATE

100%

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