

Heavy Equipment Operations 2025-2026

Short Course Description:	This 23-week program provides training for students who wish to prepare for jobs as a heavy equipment operator. A combination of lab and classroom activities provides the experience and knowledge to help you gain an entry-level position in this growing career field. This course blends curriculum prepared by National Center for Construction Education and Research (NCCER), OSHA and our professional trades instructors.					
Certifications Offered:	● NCCER Level 1 Heavy Equipment Operator ● NCCER Core Curriculum ● Class A Unrestricted CDL ● Mid-East Safety Certificate ○ OSHA 10 Hour Construction Safety ○ American Safety and Health Institute First Aid/CPR/AED ○ Industrial Forklift Training Certificate ○ Aerial and Scissor Lift Training Certificate ○ Flagger Training Certificate ○ Underground Locating Training Certificate					
1st Start/end Date:	August 5, 2025 – December 17, 2025					
2nd Start/End Date:	January 5, 2026 – May 18, 2026					
Hours/Days:	Monday – Friday, 8:00 am – 3:30 pm (7 hours/day)					
Program Hours:	600					
Instructional Weeks:	20					
Book/Laptop Cost:	\$1,090		Supplies:	\$538.00		
Tuition:	\$10,048		Fees:	\$351.00		
Total Program Cost:	\$12,027					
Additional program requirements not included in tuition:	Driver Abstract - \$10.00, CDL Permit - \$28.50, CDL License - \$43.50					
Entrance Requirements:	Provide copy of high school or GED transcript, Driver Abstract, and valid driver's license. Students must also complete all financial aid arrangements for payment of tuition, fees, books and supplies. After start of class, students will receive their DOT physical and must successfully complete a drug screen—negative results allow student to remain in class. Must have valid driver's license.					
WorkKeys – required/not required:	Required					
WorkKeys Score Levels:	Workplace Documents	3	Graphic Literacy	3	Applied Math	3
Graduation Rate:	83%					
Job Placement Rate	100%					
Program Completion Requirements:	● A “C” average or higher ● Attendance rate not less than 90% ● Payment of all outstanding obligations to the school ● Current resume on file with Student Services ● Stafford Loan Exit Counseling complete (if applicable)					

Heavy Equipment Operations Course Outline

Core Curriculum	Basic Safety, OSHA 10 Safety, Intro to Construction Math, Intro to Hand Tools, Intro to Power Tools, Intro to Construction Drawings, Basic Rigging, Basic Communication Skills, Basic Employability Skills, Intro to Material Handling-Forklift-Scissor Lift, First Aid, CPR, AED
Heavy Equipment Operations Level I	Heavy Equipment Operation Safety, Classification of Heavy Equipment, Utility Tractors, Introduction to Earth Moving, Grades, Part One
Heavy Equipment Operations Selected Level II	Forklifts – Rough Terrain, Aerial Lift, On Road Dump Trucks/Off Road, Site Work, Soils, Loaders
Heavy Equipment Operations Selected Level III	Finishing and Grading, Compaction Equipment, Backhoes, Dozers, Excavators, Flagger Training, Underground Utility Locating
Class A Commercial Driver's License Unrestricted (CDL)	Classroom, Backing Range, Road – Driving Skills,

Heavy Equipment Operator Hour Breakdown

Course	Theory	Lab	Total Hours
Core Curriculum	47	55	102
Heavy Equipment Operations Level I	55	111	166
Heavy Equipment Operations Selected Level II	26	149	175
Heavy Equipment Operations Selected Level III	17	60	77
Class A Unrestricted CDL	36	44	80
Total	181	419	600