

Heavy Equipment Operations 2024-2025

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. A cooperative training agreement with the International Equipment Union of Operating Engineers Local 18					
Certifications Offered:	<ul style="list-style-type: none"> ● NCCER Level 1 Heavy Equipment Operator ● NCCER Core Curriculum ● Class A Unrestricted CDL ● Mid-East Safety Certificate <ul style="list-style-type: none"> ○ OSHA 10 Hour Construction Safety ○ American Safety and Health Institute First Aid/CPR/AED ○ Industrial Forklift Training Certificate ○ Aerial and Scissor Lift Training Certificate ○ HAZWHOPER Certificate ○ Flagger Training Certificate ○ Underground Locating Training Certificate 					
1st Start/end Date:	July 15, 2024 – December 19, 2024					
2nd Start/End Date:	January 6, 2025 – June 5, 2025					
Hours/Days:	Monday – Thursday, 8:00 am – 4:00 pm (7 hours/day)					
Program Hours:	602					
Instructional Weeks:	23					
Book/Laptop Cost:	\$1,040	Supplies:		\$600		
Tuition:	\$9,698	Fees:		\$340		
Total Program Cost:	\$11,678					
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:	70%					
Job Placement Rate	100%					
Program Completion Requirements:	<ul style="list-style-type: none"> ● 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	Orientation to the Trade, Heavy Equipment Safety, Identification of Heavy Equipment, Basic Operational Techniques - Simulators, 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, Skid Steers, 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	53	100
Heavy Equipment Operations Level I	55	105	160
Heavy Equipment Operations Selected Level II	20	86	106
Heavy Equipment Operations Selected Level III	23	133	156
Class A Unrestricted CDL	36	44	80
Total	181	421	602