





# Heavy Equipment Operator

Crowder College is offering a Heavy Equipment Operation program beginning with the Spring term, 2010. This program qualifies for all normally available financial aid programs, both state and federal. The program will consist of 600 clock hours of instruction comprising 75, 8-hour days or approximately 15 weeks. Both classroom and hands-on instruction will be provided for up to 24 students per session. Tuition will be approximately \$8,000 and includes textbooks and other classroom materials.

Although this program is not offered for college credit, students may be able to receive up to 28 semester hours credit in selected AAS programs at Crowder College.



## Typical Careers \*

Bulldozer Operator		Annually \$46,570
		Hourly \$ 22.39
Excavating Equipment Operator		Annually \$50,680
		Hourly \$ 24.37

\* Source—Bureau of Labor Statistics, State of Missouri

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*Contact us for More Information!*



Crowder College Career Institute

# CROWDER COLLEGE



# HEAVY EQUIPMENT OPERATOR

## Student Qualifications

Students applying for the program must complete Crowder's standard COMPASS entrance exam as well as a brief interview. A pre-screening score will be calculated for each applicant for use in determining enrollment priority should there be more applicants than seats available. Students accepted for the program will be subject to a criminal background check as well as standard drug and/or alcohol screening.

## Payment of Fees

Once notified of acceptance into the program, applicants must either pay the tuition/fees for the course before the first day of classes or document that financial arrangements for payment have been made, either through financial aid commitments or through Tuition Management Systems (Crowder College Payment Center at [www.crowder.edu](http://www.crowder.edu)).

## Course of Study

The program will be taught using curriculum and materials provided through National Center for Construction Education and Research (NCCER). Students successfully completing the course will be certified



NCCER is a nationally recognized organization providing registration, certification, and curriculum services to the construction industry since 1996. Many employers provide special incentives to NCCER registrants in terms of hiring priorities, pay rates, etc. Crowder's heavy equipment program is built around NCCER training modules under direct sponsorship of local construction companies. Participants will hold NCCER registration in all modules successfully completed.

## Course Outline

### CORE (Intro to Construction)

Module Title	Estimated Days
Various: Includes OSHA 10-Hr Safety Course	9.0

### Heavy Equipment Operations— Level 1

Module Title	Estimated Days
Orientation to the Trade	0.5
Heavy Equipment Safety	1.0
Identification of Heavy Equipment	0.5
Basic Operational Techniques	3.0
Tractors	2.0
Grades, Part One	2.0



### Heavy Equipment Operations— Level 2

Module Title	Estimated Days
Introduction to Earthmoving	1.0
Dump Trucks	3.0
Rollers	2.0
Scrapers	2.0
Loaders	2.0
Forklifts	2.0
Excavation Math	3.0
Grades, Part Two	3.0
Civil Blueprint Reading	2.0



### Heavy Equipment Operations— Level 3

Module Title	Estimated Days
Introductory Skills for the Crew Leader	2.0
Dozers	4.0
Backhoes	4.0
Excavators	5.0
Motor Graders	5.0
Advanced Operational Techniques	2.0
Finishing and Grading	2.0
Soils	1.0



### Highway / Heavy Construction

Module Title	Estimated Days
Introduction to the Trade	1.0
Trucks	1.0
Heavy Equipment	2.0
Cranes	1.0
Below-Grade Construction	1.5
Earthmoving	1.5
Plant Operations	1.0
Paving	1.0
Structures	2.0

