



# HEAVY EQUIPMENT OPERATION

## PROGRAM DESCRIPTION

In the **Heavy Equipment Operation** certificate program students learn to operate a variety of equipment including bulldozers, backhoes, front-end loaders, excavators, graders and dump trucks. The winter semesters provide the student with the opportunity to gain a better understanding of heavy equipment mechanics through classroom work and practical experience. Emphasis is placed on grade work, road plans, fork lift and crane rigging.

Interested in earning a **Mechanical Technology Associate's** degree? Choose from two of these certificate programs: Heavy Equipment Operations or Maintenance, Automotive, Diesel and Automotive Engine Overhaul, Powersport Equipment and Small Engines, and Welding Technology. Students meet the additional requirements of the A.A.S. degree by completing the core requirements and general education requirements.

**Have questions?** Contact our Admissions team at [wcccadmissions@maineccc.edu](mailto:wcccadmissions@maineccc.edu) or 207-454-1000 for more information!

## PROGRAM OUTCOMES

1. Demonstrate knowledge of safety issues via OSHA certification as well as certifications in Red Cross, First Aid, and CPR.
2. Operate, maintain, repair, and rebuild a variety of heavy equipment.
3. Maintain drive train, running gear, external engine components, and hydraulic systems.
4. Properly operate bulldozers, trucks, pay-loaders, backhoes, and other heavy equipment.
5. Qualify for employment as entry-level operators or technicians for construction, logging, farm operations, or equipment dealers.



*Washington County Community College is an equal opportunity/affirmative action institution and employer. For more information; please call Tatiana Osmond, Affirmative Action Officer, at 454-1094*



**Apply Now!**  
Use this QR code or go to [wccc.me.edu/apply](http://wccc.me.edu/apply).

# Heavy Equipment Operation Curriculum

## Certificate

28 or 30 Credit Hours

Course #		Credits
<b>Semester 1</b>		
MET 100	General Service	3
FYE 100	First Year Experience	1
ENG 101	College Composition	3
MET 102	Introduction to OSHA Safety/First Aid/CPR	3
MET 150	Introduction to Equipment Operation	2
MET 151	Heavy Equipment Operation Project	4
Total		16
<b>Semester 2</b>		
MAT 106	College Mathematics for Technologies	3
WEL 109	Introductory Welding	2
MET 155	Grade Work	3
MET 156	Forklift Operation and Maintenance	2
MET 157	Crane Theory and Maintenance	2
Total		7

Cost per credit hour is \$96. For more information visit: <https://wccc.me.edu/admissions-aid/finances/tuition-fees/>  
Financial Aid is available for students who qualify at [www.FAFSA.Ed.Gov](http://www.FAFSA.Ed.Gov) School Code: 009231

Visiting the campus is easy. Contact the Office of Admissions at 207-454-1000 or [wcccadmissions@maineccc.edu](mailto:wcccadmissions@maineccc.edu) to schedule a time to visit!

For more program specific information, please contact the program instructor Jonathan MacCleod, [jmacleod1@maineccc.edu](mailto:jmacleod1@maineccc.edu) or 207-454-1081