

Washington County



Community College  
Calais, Maine  
Discover Choices • Create Success

### Approximate Cost For One Year (Tuition & Fees)

In State  
\$3,907.80

New Brunswick Residents  
\$3,907.80

Out of State  
\$7,584.60

New England Residents  
\$5,746.20\*

\*See New England  
Regional Students section  
of the WCCC catalog.

Financial Aid is available  
for students who qualify.  
Approximately 85% of  
WCCC students receive  
some form of financial aid.

[www.FAFSA.Ed.Gov](http://www.FAFSA.Ed.Gov)

School Code: 009231

One College Drive  
Calais, Maine 04619

207-454-1000  
1-800-210-6932



**wccc.me.edu**

## Heavy Equipment Operation, Heavy Equipment Maintenance and Mechanical Technology



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.

The Heavy Equipment Maintenance certificate program prepares students for maintenance jobs in the trucking, earth-moving or construction and forestry industries. Through intensive, shop-oriented courses, students are introduced to a variety of heavy equipment and learn to maintain, repair and rebuild it. Emphasis is placed on the maintenance of drive train, running gear, external engine components and hydraulic systems.

The Mechanical Technology Associate in Applied Science program allows students maximum flexibility in the selection of subject matter. Students may choose to combine two of the following programs: Engine Specialist, Automotive Technology, Heavy Equipment Operation or Heavy Equipment Maintenance to acquire the mechanical technology requirements. Students meet the additional requirements of the A.A.S. degree by completing the core requirements and general education requirements.



Visiting the campus is easy. Contact the Office of Admissions at 207-454-1000 or [admissions@wccc.me.edu](mailto:admissions@wccc.me.edu) to schedule a time to visit the Mechanical Technology programs!

For more program specific information, please contact the program

*Washington County Community College is an equal opportunity/affirmative action institution and employer. For more information; please call Tatiana Osmond, Affirmative Action Officer, at 454-1040*

**Certificate – 28 or 30 credit hours**

<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>
<b>Semester 1</b>		
ENG 101	English Composition	3
FYE 100	First Year Experience	1
MET 100	General Service	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
	<b>Total</b>	<b>16</b>
<b>Semester 2</b>		
MAT 106	College Mathematics for Technologies	3
WEL 109	Introductory Welding	2
	<b>Total</b>	<b>5</b>
<b>HEO Certificate</b>		
MET 155	Grade Work	3
MET 156	Forklift Operation and Maintenance	2
MET 157	Crane Theory and Maintenance	2
	<b>Total</b>	<b>7</b>
<b>HEM Certificate</b>		
	Choose from 3 of the following:	
MET 152	Heavy Duty Brakes	3
MET 153	Heavy Duty Steering & Suspension	3
MET 158	Heavy Duty Electrical Systems	3
MET 159	Power Trains	3
MET 220	Equipment Hydraulics	3
	<b>Total</b>	<b>9</b>