

Washington County



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

In State  
\$4,486.00

New Brunswick Residents  
\$4,486.00

Out of State  
\$8,662.00

New England Residents  
\$6,574.00\*

\*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**

# Automotive Technology



The Automotive Technology Certificate program prepares students for the automotive service field. Through an intensive, lab-orientated course, students are introduced to the industry and learn to maintain automotive equipment. Emphasis is placed on understanding automotive principles and learning to identify and solve mechanical problems. The course provides a solid background in the field, through hands on experience, enabling students to continue to acquire skills for future technology. The program is certified by the ASE Education Foundation in areas of brakes, electrical electronic systems, engine performance, suspension & steering, engine repair, automatic transmissions, manual transmissions, drivelines and heating and air conditioning.

The Associate in Applied Science in Vehicle Service program prepares students for success as vehicle service mechanics. This program offers training in the testing, diagnosis and servicing of passenger and light commercial motor vehicles. The program enables students to develop skills needed for the diagnosis as well as repair and maintenance of vehicle systems to include brakes, suspension and steering, electrical/electronics, engine performance, drive trains, heating and air conditioning and all aspects of engine work.

In addition to classroom study where background knowledge is acquired, shop projects involving work on vehicles provide students with practical experiences where emphasis is placed on developing competence with electronic and other test equipment and the completion of work in accordance with automotive industry standards.

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 Automotive and Vehicle Service programs!

For more program specific information, please contact the program instructor Ron O'Brien, [robrien@wccc.me.edu](mailto:robrien@wccc.me.edu) or 207-454-

*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*



## Mechanical Technology with Specialization in Passenger Vehicle

*Associate in Applied Science-66 credits*

Course #	Automotive Technology Certificate	Credits
<b>Semester 1</b>		
ENG 101	English Composition	3
MET 103	Principals of Vehicular Electronics	2
MET 114	Vehicular Electrical Systems I	1
MET 115	Vehicular Electrical Systems II	2
MET 116	Braking Systems I	1
MET 117	Braking Systems II	2
MET 120	Transmissions and Drive Train	3
WEL 109	Introductory Welding	2
FYE 100	First Year Experience	1
	<b>Total</b>	<b>17</b>

Course #	Automotive Technology Certificate	Credits
<b>Semester 2</b>		
MAT 106	College Mathematics for Technologies	3
MET 107	Introduction to Engine Operation	2
MET 108	Principles of Vehicular Performance	2
MET 112	Engine Performance & Diagnostics I	1
MET 113	Engine Performance & Diagnostics II	2
MET 118	Steering & Suspension I	1
MET 119	Steering & Suspension II	2
MET 121	Heating & Air Conditioning Systems	3
MET 123	Maine State Inspection I	1
	<b>Total</b>	<b>17</b>

Course #	Required for Associate Degree Option	Credits
<b>Semester 3</b>		
ENG 210	Technical Writing	3
Elective	Business Elective	3
Elective	Math/Science (above the 100 level)	3
MET 129	Introduction to Engine Overhaul	3
MET 131	Engine Overhaul Lab	4
MET 132	Diesel Engine Fuel Systems	1
	<b>Total</b>	<b>17</b>

Course #	Required for Associate Degree Option	Credits
<b>Semester 4</b>		
DRG 124	Print Reading, Sketching, and Intro to CAD	3
MET 142	High Performance Engines	1
MET 144	Engine Repair and Performance	3
MET 145	Advanced Engine Repair Lab	5
Elective	Social Science Elective (PSY 101 or SOC 101 or SOC 102)	3
	<b>Total</b>	<b>15</b>