

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 National Automotive Technicians Education Foundation (NATEF) 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,

*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> |