

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

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

www.FAFSA.Ed.Gov

School Code: 009231

One College Drive
Calais, Maine 04619

207-454-1000



wccc.me.edu

Engine Specialist and Passenger Vehicle Service



The Engine Specialist program prepares students for employment in the engine servicing industry. Instruction covers diesel and gasoline engine theory and the techniques of disassembly and troubleshooting. Students use shop manuals, on-line informational sites and special tools to rebuild or overhaul engines and components. Career preparation requires a solid technical background in the areas of overhaul, electrical and electronic systems, and fuel systems.

The Associate in Applied Science in Vehicle Service program prepares students for success as vehicle service technician. 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 the automotive industry standards.

Visiting the campus is easy.
Contact the Office of Admissions at
207-454-1000 or
admissions@wccc.me.edu to
schedule a time to visit the Engine
Specialist program!

For more program specific
information, please contact the
program instructor Bion Holbrook,
bholbrook@wccc.me.edu,

*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*



Associate in Applied Science — 66 credits

Course #	Engine Specialist Certificate	Credits
Semester 1		
ENG 101	English Composition	3
MET 103	Principles of Vehicular Electronics	2
MET 129	Introduction to Engine Overhaul	3
MET 131	Engine Overhaul Lab	4
MET 132	Diesel Engine Fuel Systems	1
WEL 109	Introductory Welding	2
FYE 100	First Year Experience	1
	Total	16

Semester 2	Engine Specialist Certificate	
MAT 106	College Mathematics for Technologies	3
MET 108	Principles of Vehicular Performance	2
MET 142	High Performance Engine	1
MET 144	Engine Repair and Performance	3
MET 145	Advanced Engine Repair Lab	5
	Total	14

Course #	Required for Associate Degree Option	Credits
Semester 3		
ENG 210	Technical Writing	3
Elective	Business Elective	3
Elective	Math/Science (above the 100 level)	3
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
	Total	18

Semester 4	Required for Associate Degree Option	
DRG 124	Print Reading, Sketching, and Intro to CAD	3
MET 107	Introduction to Engines Operation	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
Elective	Social Science Elective (PSY 101 or SOC 101 or SOC 102)	3
	Total	18