Washington County Community College
Calais, Maine
Discover Choices • Create Success

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DIESEL & AUTOMOTIVE ENGINE OVERHAUL

PROGRAM **DESCRIPTION**

The **Diesel & Automotive Engine Overhaul program** prepares students for employment in the engine servicing industry. Instruction covers diesel and gasoline engine theory and the techniques of disassembly, inspection, reassembly, and troubleshooting. Technicians use shop manuals, reference charts, diagnostics instruments, and special tools to diagnose equipment malfunctions. Career preparation requires a solid technical background in the areas of engine overhaul, electrical and electronic systems, and fuel systems.









Career **OPPORTUNITIES**

Graduates of this program may find employment as **technicians with automotive service facilities, construction companies, logging companies, farm machinery dealers, heavy equipment dealers, marine engine companies, and farm operators.** With experience, graduates may advance to shop supervisor, service manager, resident field service technician, master mechanic, technical representative, or sales representative.

PROGRAM **OUTCOMES**

1. Understand and apply diesel and gasoline engine theory and techniques of disassembly, inspection, reassembly, and troubleshooting.
2. Use shop manuals, reference charts, diagnostic instruments, and special tools to diagnose equipment malfunctions.
3. Understand and apply knowledge required for repair and maintenance of engine overhaul, electrical and electronic systems, and fuel systems.
4. Qualify for employment as technicians with automotive service facilities, construction companies, logging companies, farm machinery dealers, heavy equipment dealers, marine engine companies, and farm operators.

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

Ready to get your hands dirty?
Build the skills to diagnose, repair, and overhaul the machines that keep things moving. Apply today! Scan the QR code or go to wccc.me.edu/apply.

Diesel & Automotive Engine Overhaul Course Curriculum

Certificate

31 Credit Hours

Course #	Required for Associate Degree Option	Credits
	Semester 1	
MET 101	Diesel Engine Overhaul	3
MET 103	Principles of Vehicular Electronics	2
MET 132	Diesel Engine Fuel Systems	1
MET 137	Diesel Engine Overhaul Lab	4
ENG 101	College Composition	3
FYE 100	First Year Experience	1
WEL 109	Introductory Welding	2
	Total	16
	Semester 2	
MAT 106	College Mathematics for Technologies	3
MET 108	Principles of Vehicular Performance	2
MET 138	Automotive Engine / Motor Overhaul	3
MET 139	Automotive Engine / Motor Overhaul Lab	5
MET 142	High Performance Engine	2
	Total	15

Interested in earning your Mechanical Technology Associate in Applied Science degree? Build a degree that fits your career goals by choosing two certificate areas: Heavy Equipment Operations, Automotive, Diesel and Automotive Engine Overhaul, Powersport Equipment and Small Engines, or Welding Technology. Complete your selected technical areas along with the required core and general education courses to earn your Mechanical Technology A.A.S.

Have questions? Contact our Admissions team at wcccadmissions@mainecc.edu or 207-454-1000 for more information!

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 School Code: 009231

Visiting the campus is easy. Contact the Office of Admissions at 207-454-1000 or wcccadmissions@mainecc.edu to schedule a time to visit!
For more program specific information, please contact the program instructor Jacob Mumme, jmumme@mainecc.edu or 207-454-1075