

AUTOMOTIVE TECHNOLOGY

Automotive Technology provides theoretical foundations, practical education, and work experience in the engineering, testing, servicing, troubleshooting, and repairing of automobiles.

emcc.edu/Automotive

The **Automotive Technology** program at EMCC is accredited by the ASE Education Foundation delivering instruction in all eight areas of technician certification.

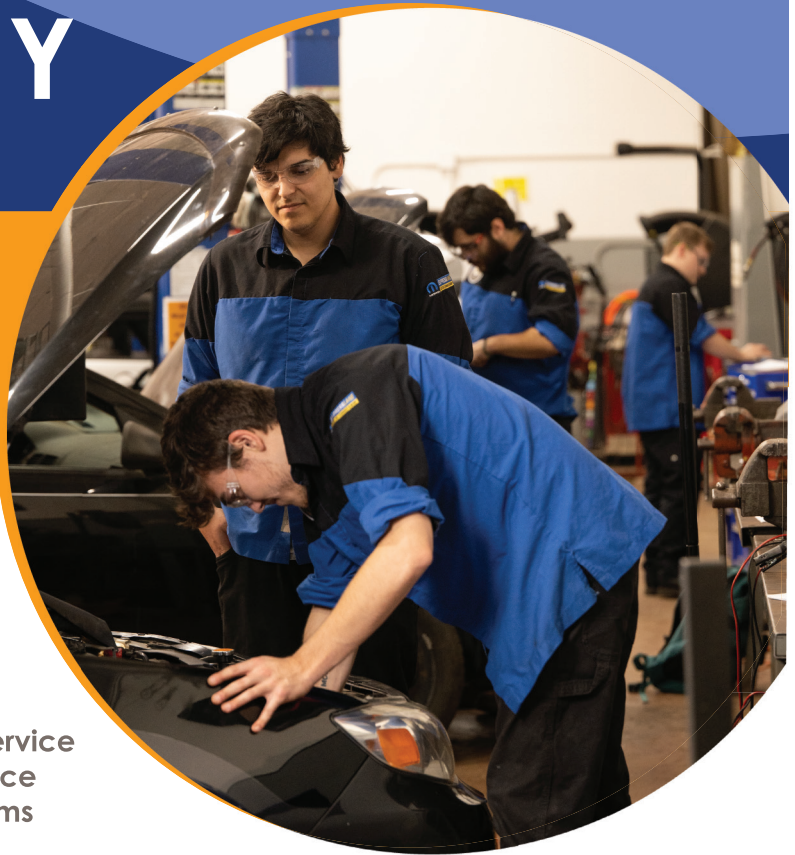
- Graduates are employed as automotive service technicians, service managers, maintenance supervisors, service advisors, warranty claims adjusters, and parts persons.
- Graduates with the associate in applied science degree will function at an entry-level position for servicing, diagnosing, repairing, and creating work orders in all areas of automobile repair and diagnostics.

EMCC students enjoy small class sizes, supportive faculty, transferable courses and leadership/engagement opportunities all for under \$4,000/year.

(Most programs, based on 30 credit hours, in-state rate of \$96 per credit hour)



Free Application!
Scan this code to apply today.



 **Eastern Maine
Community College**

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354 Hogan Rd, Bangor, ME 04401 | 207-974-4680 | emcc.edu | #WeAreEMCC

AUTOMOTIVE TECHNOLOGY

Associate in Applied Science Degree

Prerequisites

AAS Degree: High school level Algebra I required; Algebra II, Geometry, and either Physics or Chemistry with Lab desired.
Certificate: High school level Algebra I required.

1ST SEMESTER (CREDITS)

ATA-100 **Automotive Safety & Light Vehicle Repair**** (4)
ATA-110 **Automotive Basic Electrical Systems**** (3)
ATA-150 **Automotive Engine Repair**** (3)
ENG-100 **Basic Academic and Pre-professional Writing**** OR
ENG-101 **College Composition**** (3)
MAT-110 **Technical Mathematics I**** (3)

2ND SEMESTER (CREDITS)

ATA-120 **Automotive Shop Management**** (2)
ATA-124 **Automotive State Inspection Prep**** (1)
ATA-125 **Automotive Steering & Suspension I**** (2)
ATA-126 **Automotive Steering & Suspension II**** (2)
ATA-145 **Automotive Brake Systems I**** (2)
ATA-146 **Automotive Brake Systems II**** (2)
MAT-114 **Technical Mathematics II**** (3) OR **Lab Science** (4)
Elective **Any Humanities or Social Science**** (3)

SUMMER SEMESTER (CREDITS)

ATA-190 **Automotive Program Internship** (3)

3RD SEMESTER CREDITS

ATA-210 **Advanced Automotive Electrical Systems** (3)
ATA-215 **Manual Transmissions & Driveline** (3)
ATA-220 **Engine Performance & Diagnosis** (3)
Elective **Any Humanities or Social Science** (3)
Elective **Any communications, humanities, math, science or social science** (3)

4TH SEMESTER CREDITS

ATA-225 **Automotive Heating & Air Conditioning** (3)
ATA-230 **Drivability & Emission Controls** (3)
ATA-235 **Automotive Transmissions & Transaxles** (3)
ATA-240 **Electric Vehicle ASE L3 Prep** (1)
WEL-265 **Gas Metal Arc Welding (GMAW) Basic** (1)
ENG-215 **Business & Technical Writing** (3)
SPE-101 **Oral Communications** (3)

▶ **TOTAL AAS DEGREE CREDITS 65**

Denotes courses required to complete the **Certificate in Automotive Basic Systems. Total Credits: 33

Program starts each fall, with an option to begin general education classes in the prior spring. Students opting to take the certificate program will be required to complete the credits listed under the First Semester and the Second Semester.

We have TWO residence halls on campus!



Studies show that students who live on campus not only tend to have higher GPA's, but they are also more likely to complete their education and get more out of their college experience.

A meal plan is mandatory for anyone living in residential housing on campus.



Visit www.emcc.edu/housing to learn more.
Apply early, space is limited!

DID YOU KNOW?

Students have the option to study in either the Subaru U or Mopar CAP track. By choosing the Subaru U track, students graduate from EMCC as qualified Subaru technicians. By choosing the Mopar CAP track, students are able to work as Stellantis technicians. Stellantis technicians are able to do warranty work on any Chrysler, Dodge, Jeep, Ram, or Fiat from day-one.



Still in high school? Concurrent enrollment agreements with many high schools and technical education centers are available. Information can be found online at:

www.emcc.edu/academics/programs/early-college



Did you graduate from high school in 2020, 2021, 2022, or 2023 or will be graduating in 2024 or 2025?

Then you may qualify for the Maine Free College Scholarship at EMCC!

CAMPUS TOURS AVAILABLE

Call 207.974.4780 or scan this QR code to schedule an appointment!

