

AUTOMOTIVE TECHNOLOGY

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

 Eastern Maine
Community College

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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)



CAMPUS TOURS AVAILABLE

Call 207.974.4870 or schedule an appointment on our website.

www.emcc.edu/automotive

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.

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/



AUTOMOTIVE TECHNOLOGY Associate in Applied Science Degree

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.

1ST SEMESTER CREDITS

ATA-100 **Automotive Safety & Light Vehicle Repair**** (4)
 ATA-110 **Automotive Basic Electrical Systems**** (3)
 ATA-120 **Automotive Shop Management**** (2)
 ATA-124 **Automotive State Inspection Prep**** (1)
 ENG-101 **College Composition**** (3)
 MAT-110 **Technical Mathematics I**** (3)

2ND SEMESTER CREDITS

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)
 ATA-150 **Automotive Engine Repair**** (3)
 MAT-114 **Technical Mathematics II**** (3)
 Elective **Any Humanities or Social Science**** (3)

^ELO Capstone

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

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.



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 Lab Science** (4)

4TH SEMESTER CREDITS

ATA-225 **Automotive Heating & Air Conditioning** (3)
 ATA-230 **Drivability & Emission Controls** (3)
 ATA-235 **Automotive Transmissions & Transaxles** (3)
 WEL-265 **Gas Metal Arc Welding (GMAW) Basic** (1)
 ENG-215 **Business & Technical Writing** ^ (3)

▶ **TOTAL AAS DEGREE CREDITS 65**