Central Maine Community College

AUTOMOTIVE TECHNOLOGY IN-HOUSE

Associate in Applied Science



Students who specialize in the Automotive program's In-House track are immersed in academic and lab experience on the CMCC campus. The In-House track emphasizes electronic and other test equipment, and the completion of work with industry standards to prepare highly skilled technicians for an ever-expanding and challenging automotive industry.

Graduates are prepared to perform all ASE tasks to diagnose and repair:

- Systems associated with automotive chassis components
- Assemblies associated with automotive engine and power transmission systems
- Components associated with any electrical and electronic control systems, as well as accessory ergonomic systems

Graduates may pursue careers as:

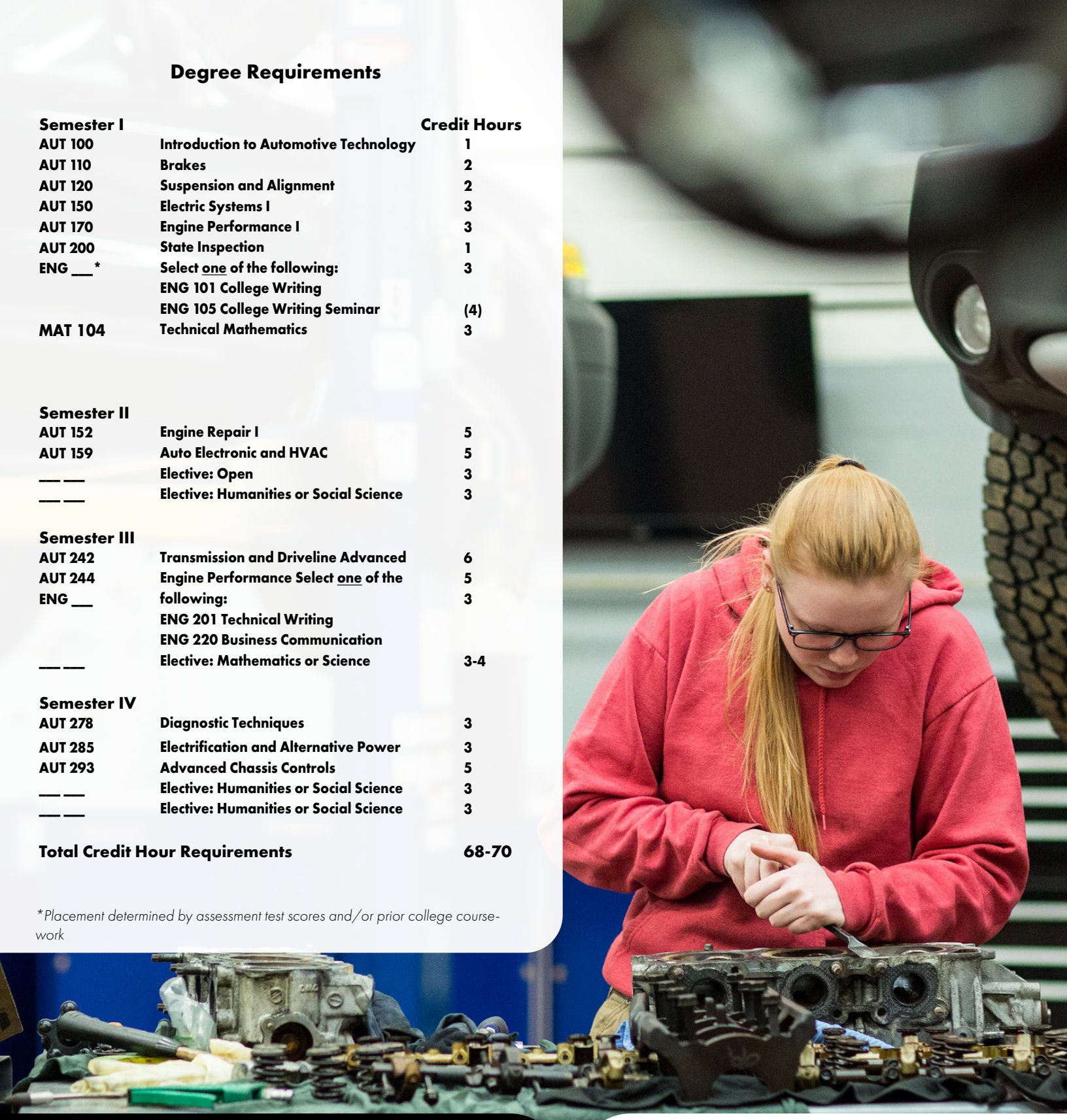
- **General Technicians**
- **Front-End Alignment Specialists**
- **Brake Specialists**
- **Automatic Transmission Specialists**

Interested in paid on-the-job training? Consider the Dealer Trax specialization or the Ford ASSET program.

Degree Requirements

Semester I		Credit Hours
AUT 100	Introduction to Automotive Technology	1
AUT 110	Brakes	2
AUT 120	Suspension and Alignment	2
AUT 150	Electric Systems I	3
AUT 170	Engine Performance I	3
AUT 200	State Inspection	1
ENG ___*	Select one of the following:	3
	ENG 101 College Writing	
	ENG 105 College Writing Seminar	(4)
MAT 104	Technical Mathematics	3
Semester II		
AUT 152	Engine Repair I	5
AUT 159	Auto Electronic and HVAC	5
___ ___	Elective: Open	3
___ ___	Elective: Humanities or Social Science	3
Semester III		
AUT 242	Transmission and Driveline Advanced	6
AUT 244	Engine Performance Select one of the	5
ENG ___	following:	3
	ENG 201 Technical Writing	
	ENG 220 Business Communication	
___ ___	Elective: Mathematics or Science	3-4
Semester IV		
AUT 278	Diagnostic Techniques	3
AUT 285	Electrification and Alternative Power	3
AUT 293	Advanced Chassis Controls	5
___ ___	Elective: Humanities or Social Science	3
___ ___	Elective: Humanities or Social Science	3
Total Credit Hour Requirements		**68-70**

**Placement determined by assessment test scores and/or prior college course-work*



Central Maine Community College

Automotive Technology Prerequisites: ENG 101/105. Students who do not place into prerequisite courses will be admitted into the in-house program while remedial courses are being completed.

Office of Admissions
1250 Turner Street • Auburn, ME 04210
(207) 755-5273 • cmccadmissions@mainecc.edu

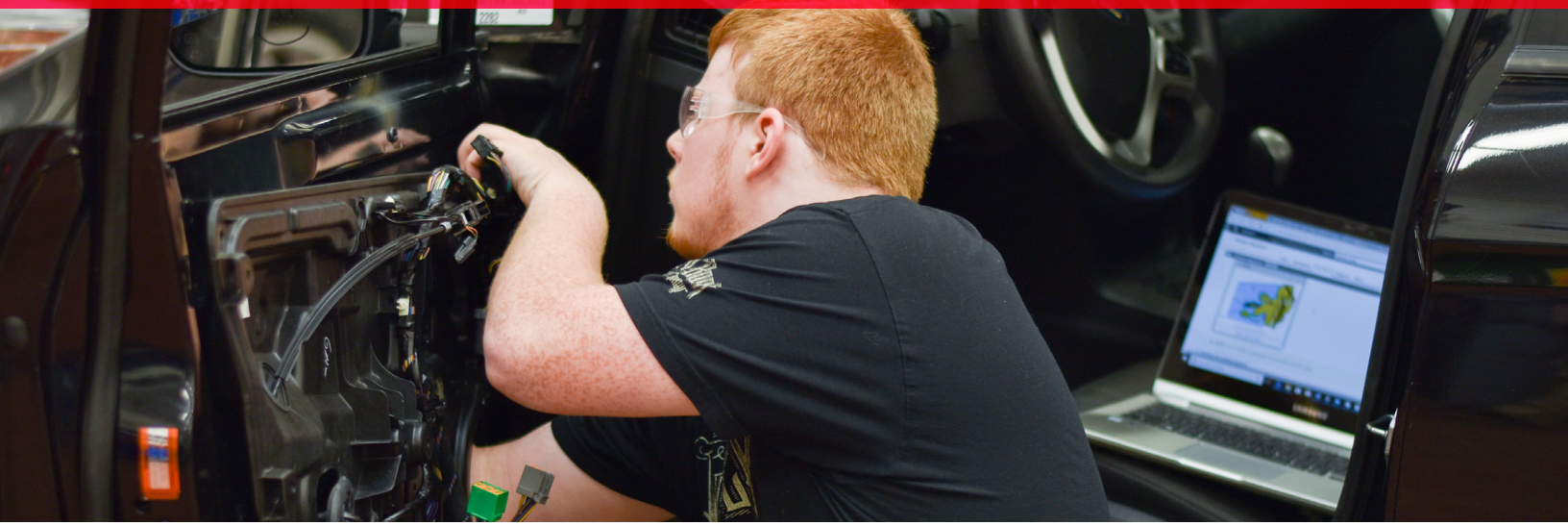
www.cmcc.edu

Find CMCC on social media at CMCCMaine

Central Maine Community College

AUTOMOTIVE TECHNOLOGY DEALER TRAX

Associate in Applied Science



Dealer TraX option is a state-of-the-art two-year program alternating classroom and laboratory training with paid, on-the-job experience, leading to an Associate Degree in Automotive Technology. Dealer TraX students gain knowledge as a highly skilled technician for an ever-expanding and challenging automotive industry.

Graduates are prepared to perform all ASE tasks to diagnose and repair:

- Systems associated with automotive chassis components
- Assemblies associated with automotive engine and power transmission systems
- Components associated with any electrical and electronic control systems, as well as accessory ergonomic systems

Develop skills and knowledge pertaining to:

- Computer controlled engine systems
- Computer-managed diagnostics
- Microelectronics
- Complex pneumatic systems
- Composite materials and hydraulics

Graduates may pursue careers as:

- **General Technicians**
- **Front-End Alignment Specialists**
- **Brake Specialists**
- **Automatic Transmission Specialists**

Interested in an immersive on-campus experience? Consider the In-House specialization.

Please see catalog for full program requirements.
Central Maine Community College is an equal opportunity/affirmative action institution and employer.

Degree Requirements

Semester I		Credit Hours
AUT 100	Introduction to Automotive Technology	1
AUT 110	Brakes	2
AUT 120	Suspension and Alignment	2
AUT 150	Electric Systems I	3
AUT 170	Engine Performance I	3
AUT 200	State Inspection	1
ENG ___*	Select one of the following: ENG 101 College Writing ENG 105 College Writing Seminar	3 (4)
MAT 104	MAT 104 Technical Mathematics	3
Semester II		
AUT 180	Field Experience (AUT 110, 120, 150, 170)	4
AUT 159	Auto Electronic and HVAC	5
ENG ___	Select one of the following: ENG 201 Technical Writing ENG 220 Business Communication	3
___ ___	Elective: Humanities or Social Science	3
Summer Session		
AUT 181	Field Experience (AUT 159)	2
AUT 152	Engine Repair 1	5
___ ___	Elective: Humanities or Social Science	3
Semester III		
AUT 182	Field Experience (AUT 130, 131, 241)	4
AUT 241	Automatic/Manual Transmission	5
___ ___	Elective: Open	3
___ ___	Elective: Humanities or Social Science	3
Semester IV		
AUT 184	Field Experience (AUT 271)	4
AUT 271	Electronic Engine Control	5
___ ___	Elective: Mathematics or Science *PHY 121/122 recommended*	3-4
Total Credit Hour Requirements		**70-72**

**Placement determined by assessment test scores and/or prior college course-work*



Dealer Trax Preregistration Field Experience Requirement

Prior to enrolling in AUT 180, Field Experience, students must first obtain a sponsor. Before agreeing to sponsor a student, a repair facility may request a criminal background check to include but not limited to criminal background, drug test and credit history. Repair facilities often require students hold a current and valid driver's license free from "current major" violations, as that term is defined in standard auto insurance policies. Repair facilities also retain the right, in their sole discretion, to accept or deny students based on their findings. Please note: the inability to secure a sponsor could jeopardize an individual's ability to meet all the requirements for this degree.

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Automotive Technology Prerequisites: ENG 101/105. Students who do not place into prerequisite courses will be admitted into the in-house program while remedial courses are being completed.

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