

Automotive Technology Associate in Applied Science

Part-Time Map Academic Year 2025-2026

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	Certificate Program	My Plan
FIGS 100	Student Success Elective - Industrial Technology & Transportation Pathway				1		
MATH 130	Technical Mathematics		MATH 040		3		
AUTO 105	Automotive Maintenance & Light Repair		Program acceptance		3		
Semester 2							
AUTO 155	Electricity and Electronics I		Program acceptance	AUTO 101, AUTO 102, MATH 130	4	₽	
COMM 105	Professional Communication for Job Market		ENGL 080		3	\overline{a}	
Semester 3							
AUTO 175 AUTO 176 AUTO 174	Internship/Cooperative Education OR Externship/Cooperative Education OR Advanced Level Lab		AUTO 112, AUTO 117, AUTO 205		3	←	
ENGL 100	English Composition		ENGL 080		3		
Semester 4							
AUTO 160	Automotive Business Operations		Program Acceptance		2		
AUTO 205	Electricity & Electronics II		AUTO 155		4	~	
Semester 5							
AUTO 111	Steering & Suspension 1 (1st 8 weeks)		AUTO 102, AUTO 155	AUTO 112, AUTO 205	2		
AUTO 112	Steering & Suspension 2 (2nd 8 weeks)		AUTO 102, AUTO 111, AUTO 155	AUTO 205	2	~	
AUTO 116	Brakes 1 (1st 8 weeks)		AUTO 102, AUTO 155	AUTO 117, AUTO 205	2	₹	
AUTO 117	Brakes 2 (2nd 8 weeks)		AUTO 102, AUTO 116, AUTO 155	AUTO 205	2	~	
AUTO 125	Maine State Inspection Exam Prep elective (this	s class will not be appropriate if student lives	s out of state, has bad driving record, or crimi	inal background)	1	r©)	
Semester 6							
PHYS 110	Technical Physics with Lab			MATH 040	4		
ENGL 115	Introduction to Literature		ENGL 100		3		
Semester 7							
AUTO 210	Engine Repair	Offered Fall Semester Only	AUTO 205	AUTO 260	4		
AUTO 260	Engine Performance I	Offered Fall Semester Only	AUTO 205	AUTO 210	4		
Semester 8							
AUTO 170	Heating, Ventilation, & Air Conditioning	Offered Spring Semester Only	AUTO 205		3	₩ <u></u>	
AUTO 270	Engine Performance 2	Offered Spring Semester Only	AUTO 205		4		

Semester 9							
	Social Science Elective	PSYC 100 Intro to Psychology			3		
	Humanities and Arts Elective	ARTS 150 Metal Arts			3		
Semester 10							
AUTO 215	Manual Transmission and Drivelines	Offered Fall Semester Only	AUTO 102		4	HŌ)	
AUTO 265	Automatic Transmissions & Transaxles	Offered Spring Semester Only	AUTO 205		4	©	
				Total Credits	71		

Advice on Choosing Electives

Courses in the Chassis Systems Certificate

Last Modified: 3/13/25 (JG)

Courses in the Powertrain Systems Certificate

Associate in Applied Science Curricu

Automotive Technology

General Education Requirements						
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS		
ENGL 100	English Composition	ENGL 080		3		
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3		
FIGS 100	Student Success Elective - Industrial Technology & Transportation Pathway			1		
MATH 130	Technical Mathematics	MATH 040		3		
PHYS 110	Technical Physics with Lab		MATH 040	4		
	Fine Arts or Humanities Elective			3		
COMM 105	Professional Communication for Job Market	ENGL 080		3		
	Social Science Electives			3		

ed Courses			
COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS
Automotive Maintenance & Light Repair	AUTO program acceptance		3
Steering and Suspension I (1st 8 weeks)	AUTO 105, AUTO 155	AUTO 112	1
Steering and Suspension II (2nd 8 weeks)	AUTO 105	AUTO 111, AUTO 205	3
Brakes I (1st 8 weeks)	AUTO 105, AUTO 155	AUTO 117, AUTO 205	2
Brakes II (2nd 8 weeks)	AUTO 105, AUTO 116, AUTO 155	AUTO 205	2
Electricity and Electronics	AUTO Program Acceptance	AUTO 105, MATH 130	4
Automotive Business Operations	AUTO program acceptance		2
Automotive HVAC	AUTO 205		3
AUTO 174 Advanced Level Lab, or AUTO 175 Internship/Coop Education, or AUTO 176 Externship/Coop Education	AUTO 112, AUTO 117, AUTO 205		3
Electricity and Electronics II	AUTO 155		4
Engine Repair	AUTO 205	AUTO 260	4
Manual Transmissions and Drivelines	AUTO 102		4
Engine Performance I	AUTO 205	AUTO 210	4
Automatic Transmissions & Transaxles	AUTO 205		4
Engine Performance II	AUTO 205		4
	COURSE TITLE Automotive Maintenance & Light Repair Steering and Suspension I (1st 8 weeks) Steering and Suspension II (2nd 8 weeks) Brakes I (1st 8 weeks) Brakes II (2nd 8 weeks) Electricity and Electronics Automotive Business Operations Automotive HVAC AUTO 174 Advanced Level Lab, or AUTO 175 Internship/Coop Education, or AUTO 176 Externship/Coop Education Electricity and Electronics II Engine Repair Manual Transmissions and Drivelines Engine Performance I Automatic Transmissions & Transaxles	Automotive Maintenance & Light Repair Automotive Maintenance & Light Repair Steering and Suspension I (1st 8 weeks) Auto 105, Auto 155 Steering and Suspension II (2nd 8 weeks) Brakes I (1st 8 weeks) Brakes II (2nd 8 weeks) Auto 105, Auto 155 Auto 105, Auto 155 Auto 155 Auto 155 Electricity and Electronics Automotive Business Operations Automotive HVAC Auto 174 Advanced Level Lab, or Auto 175 Internship/Coop Education, or Auto 176 Externship/Coop Education Electricity and Electronics II Electricity and Electronics II Auto 155 Engine Repair Manual Transmissions and Drivelines Auto 205 Auto 205 Auto 102 Engine Performance I Auto 205 Auto 205 Auto 205 Auto 205 Auto 205 Auto 205	Automotive Maintenance & Light Repair Steering and Suspension I (1st 8 weeks) Auto 105, Auto 155 Auto 112 Steering and Suspension II (2nd 8 weeks) Auto 105, Auto 155 Auto 111, Auto 205 Brakes I (1st 8 weeks) Auto 105, Auto 155 Auto 117, Auto 205 Brakes II (2nd 8 weeks) Auto 105, Auto 116, Auto 116, Auto 117, Auto 205 Electricity and Electronics Auto Program Acceptance Automotive Business Operations Auto 174 Advanced Level Lab, or Auto 175 Internship/Coop Education, or Auto 176 Externship/Coop Education Electricity and Electronics II Engine Repair Auto 205 Auto 105 Auto 112 Auto 205 Auto 116, Auto 116, Auto 116, Auto 105, MATH 130 Automotive HVAC Auto 205 Auto 174 Advanced Level Lab, or Auto 205 Auto 175 Internship/Coop Education, or Auto 176 Externship/Coop Education Electricity and Electronics II Auto 205 Auto 206 Auto 205 Auto 205 Auto 206 Auto 205 Auto 210 Automatic Transmissions & Transaxles Auto 205

*IMPORTANT NOTE: If you took Automotive courses in high school, please contact Molly Caso at (207) 741√ You may be able to get credit for AUTO 105, AUTO 111, AUTO 116, AUTO 155 & AUTO 175, and therefore move directly into a higher first semester.

Courses in the Powertrain Systems Certificate 2025-2026

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