

## Automotive Technology

### Associate in Applied Science

Five-Semester Pathway - Academic Year 2019-2020

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS-100	Freshman Interest Group				1	
	Mathematics Elective (100-level or higher)	MATH 130 Technical Mathematics	MATH-030		3	
AUTO-101	Introduction to Automotive		Program acceptance	AUTO-102	1	
AUTO-102	Automotive Maintenance and Light Repair			AUTO-101	2	
AUTO-155	Electricity and Electronics I		Program acceptance	AUTO-101, AUTO-102, MATH-030 or higher	4	
AUTO-160	Automotive Business Operations		Program Acceptance		2	
ENGL-100	English Composition		ENGL-090 & ENGL-095		3	
<b>Semester 2</b>						
AUTO-111	Steering & Suspension 1		AUTO-102, AUTO-155	AUTO-112, AUTO-205	2	
AUTO-112	Steering & Suspension 2		AUTO-102, AUTO-111, AUTO-155	AUTO-205	2	
AUTO-116	Brakes 1		AUTO-102, AUTO-155	AUTO-117, AUTO-205	2	
AUTO-117	Brakes 2		AUTO-102, AUTO-116, AUTO-155	AUTO 205	2	
AUTO-205	Electricity & Electronics II		AUTO-155		4	
PHYS-110	Technical Physics with Lab			MATH-030	4	
<b>Summer</b>						
AUTO-175 AUTO-176 AUTO-174	Internship/Cooperative Education <b>OR</b> Externship/Cooperative Education <b>OR</b> Advanced Level Lab		AUTO-112, AUTO-117, AUTO-205		3	
<b>Semester 3</b>						
AUTO-260	Engine Performance I		AUTO-205	AUTO-210	4	
AUTO-210	Engine Repair		AUTO-205	AUTO-260	4	
AUTO-215	Manual Transmission and Drivelines		AUTO-102		4	
	Social Science Elective	PSYC-100 Intro to Psychology			3	
	Humanities and Arts Elective	ARTS-150 Metal Arts			3	
<b>Semester 4</b>						
AUTO-270	Engine Performance 2		AUTO-260		4	
AUTO-265	Automatic Transmissions & Transaxles		AUTO-205, AUTO-215		4	
AUTO-170	Heating, Ventilation, & Air Conditioning		AUTO-205		3	
ENGL-115	Introduction to Literature		ENGL-100		3	
	Social Science Elective	SOCI-100 Intro to Sociology			3	

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<b>General Education Requirements</b>					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
ENGL-100	English Composition	ENGL-090, ENGL-095		3	
ENGL-115	Introduction to Literature	ENGL-100		3	
FIGS-100	Freshman Interest Group Elective			1	
	Mathematics Elective (100 level or higher)	MATH-030		3	
PHYS-110	Technical Physics with Lab		MATH-030	4	
	Fine Arts or Humanities Elective			3	
	Social Science Electives			6	

<b>Major Required Courses</b>					
COURSE CODE	COURSE TITLE	PREREQUISITES	COREQUISITES	CREDITS	MET
AUTO-101* (see below)	Introduction to Automotive Technology	AUTO program acceptance	AUTO-102	1	
AUTO-102* (see below)	Automotive Maintenance & Light Repair	AUTO program acceptance	AUTO-101	2	
AUTO-111	Steering and Suspension I	AUTO-102, AUTO-155	AUTO-112, AUTO-205	2	
AUTO-112	Steering and Suspension II	AUTO-102, AUTO-111, AUTO-155	AUTO-205	2	
AUTO-116* (see below)	Brakes I	AUTO-102, AUTO-155	AUTO-117, AUTO-205	2	
AUTO-117	Brakes II	AUTO-102, AUTO-116, AUTO-155	AUTO-205	2	
AUTO-155* (see below)	Electricity and Electronics	AUTO Program Acceptance	AUTO-101, AUTO-102, MATH-030 or higher	4	
AUTO-160	Automotive Business Operations	AUTO program acceptance		2	
AUTO-170	Automotive HVAC	AUTO-205		3	
Choose One:	AUTO-174 Advanced Level Lab, or AUTO-175 Internship/Coop Education, or AUTO-176 Externship/Coop Education	AUTO-112, AUTO-117, AUTO-205		3	
AUTO-205	Electricity and Electronics II	AUTO-155		4	
AUTO-210	Engine Repair	AUTO-205	AUTO-260	4	
AUTO-215	Manual Transmissions and Drivelines	AUTO-102		4	
AUTO-260	Engine Performance 1	AUTO-205	AUTO-210	4	
AUTO-265	Automatic Transmissions & Transaxles	AUTO-205, AUTO-215		4	
AUTO-270	Engine Performance 2	AUTO-260		4	

**\*IMPORTANT NOTE:** If you took Automotive courses in high school, please contact Molly Caso at (207) 741-5605.

You may be able to get credit for AUTO-101, AUTO-102, AUTO-111, AUTO-116, AUTO-155 & AUTO-175, and therefore move directly into a higher level Automotive course your first semester.