Automotive Technology Courses

Award: Associate of Applied Science (AAS)
Required number of credits: 76
Program Start: Fall

2021–2022 Suggested Sequence of Study

The following suggested sequence of study is for new full-time students starting the program Fall 2021, Spring 2022, or Summer 2022. Part-time students should visit with a program advisor for a modified sequence of study.

When registering for classes refer to your Academic Evaluation to see your specific program requirements and ensure proper registration.

Courses are subject to change.

◆	General education course.
▣	Non-transfer general education course.
▶	Course has a prerequisite and/or corequisite.
O	Course meets 100% online.
E	Course meets face-to-face after 5:00pm.
4WK1	Course meets the first 4 weeks of the semester.
4WK2	Course meets the second 4 weeks of the semester.
4WK3	Course meets the third 4 weeks of the semester.
4WK4	Course meets the fourth 4 weeks of the semester.

Semester 1					
AUT-106	Introduction to Automotive Technology	4WK1		2	
AUT-109	Introduction to Automotive Technology II	4WK1		2	
AUT-504	Automotive Brake Systems	4WK3		4	▣
AUT-537	Automotive Advanced Brake Systems	4WK4		4	
AUT-643	Auto Starting, Charging, and Electrical	4WK2		4	
MAT-772	Applied Math -OR-			3	▣
MAT-110	Math for Liberal Arts ► -OR-		O E	3	◆
MAT-121	College Algebra ► -OR-			4	◆
	Math Elective			3	
		Total Credits 19			

Semester 2					
AUT-307	Automotive Manual Transmissions and Transaxles	4WK2		4	
AUT-404	Automotive Suspension and Steering	4WK1		4	
AUT-704	Automotive Heating and Air Conditioning	4WK4		4	
AUT-842	Automotive Computerized Engine Controls	4WK3		4	
PSY-102	Human and Work Relations -OR-			3	◆
PSY-111	Introduction to Psychology -OR-		O E	3	◆
SOC-110	Introduction to Sociology		O E	3	◆
		Total Credits 19			

Semester 3					
AUT-164	Automotive Engine Repair	4WK1		4	▣
AUT-204	Automotive Automatic Transmissions and Transaxles	4WK4		4	
AUT-610	Automotive Electrical I	4WK3		4	
AUT-631	Automotive Electronics	4WK2		4	
COM-781	Written Communication in the Workplace ► -OR-			3	▣
ENG-105	Composition I ►		O E	3	◆
		Total Credits 19			

Semester 4					
AUT-315	Automotive Differentials and 4-Wheel Drive	4WK4		4	
AUT-827	Automotive Ignition Systems ►	4WK3		4	
AUT-834	Automotive Fuel Systems	4WK2		4	
AUT-886	Comprehensive Application ►	4WK1		4	
SPC-101	Fundamentals of Oral Communication		O E	3	◆
		Total Credits 19			

Math Electives			
MAT-128	Precalculus ►	4	◆
MAT-134	Trigonometry and Analytic Geometry ►	3	◆
MAT-156	Statistics ►	O E 3	◆
MAT-210	Calculus I ►	4	◆
MAT-216	Calculus II ►	4	◆
MAT-219	Calculus III ►	4	◆