



Degree Completion Pathways

Map to Completion

Beginning in the fall as a freshman student.

Automotive Technology Associate Degree/ Short Certificate			
Full Time	Course Prefix	Course Title	Credit Hours
Fall Semester 1	ASE101	Fundamentals of Automotive Technology	3
	ASE112	Electrical Fundamentals	3
	ASE121	Braking Systems	3
	ENG101	English Composition I	3
	ORI101	Orientation to the College	1
Spring Semester 1	ASE122	Steering and Suspension	3
	ASE124	Automotive Engines	3
	ASE130	Drive Train and Axles	3
	ASE133	Motor Vehicle Air Conditioning	3
	AREA II	Humanities	3
Congratulations! Brakes and Suspension Short Certificate Awarded			
Summer Semester 1	ASE162	Electrical and Electronic Systems	3
	ASE212	Advanced Electricity & Electronic Systems	3
	MTH116	Mathematical Applications	3
Congratulations! Automotive Technology Short Certificate Awarded Automotive Electrical Short Certificate Awarded			
Fall Semester 2	ASE224	Manual Transmission and Transaxle	3
	ASE263	Hybrid & Electric Vehicles	3
	AREA II	Humanities/Fine Arts Course	3
	AREA III	Natural Science and Mathematics	4
Spring Semester 2	ASE220	Advanced Automotive Engines	3
	ASE230	Auto Transmission and Transaxle	3
	ASE246	Automotive Emissions	3
	CIS146	Microcomputer Applications	3
Congratulations! Engine Repair Short Certificate Awarded			
Summer Semester 2	ASE244	Engine Performance and Diagnostics	3
	AREA IV	History, Social and Behavioral Sciences	3
	BSS220	Professional Transition	1
Congratulations! Associate in Applied Science Degree in Automotive Technology Awarded			
Brakes and Suspension Short Certificate			Total Hours-9
Automotive Electrical Short Certificate			Total Hours-9
Engine Repair Short Certificate			Total Hours-9
Automotive Technology Short Certificate			Total Hours-24
Associate in Applied Science Degree in Automotive Technology			Total Hours-69