



PATHWAYS

Your Guide
to Completion

AUTOMOTIVE TECHNOLOGY Certificate

	Course #	Course Name	Credit Hours
Semester 1	ORI 101/ ORT 100	Orientation to College OR Orientation for Career Students	1
	CIS 146	Microcomputer Applications	3
	MTH 116	Mathematical Applications	3
	ASE 101	Fundamentals of Automotive Technology	3
	ASE 112	Electrical Fundamentals	3
	ASE 121	Braking Systems	3
			Eligible to take ASE A-1 Engine Repair Certification Exam Eligible to take ASE A-5 Brakes Certification Exam Eligible to take ASE A-6 Electrical/Electronic Systems Certification Exam
Semester 2	ENG 101	English Composition I	3
	ASE 122	Steering and Suspension	3
	ASE 124	Automotive Engines	3
	ASE 130	Drive Train and Axles	3
		Eligible for STC – Lube Technician Eligible to take ASE A-4 Steering and Suspension Certification Exam Eligible to take ASE A-3 Manual Drive Train and Axles Certification Exam	Semester Total: 12
Semester 3	SPH 106/ SPH 107	Fundamentals of Oral Communication OR Fundamentals of Public Speaking	3
	ASE 133	Motor Vehicle Air Conditioning	3
	ASE 212	Advanced Electrical and Electronic Systems	3
	ASE 239	Engine Performance	3
		ELIGIBLE FOR STACKABLE STC – Automotive Technology Eligible to take ASE A-7 Heating and Air Conditioning Certification Exam	Semester Total: 12
Semester 4	ASE 224	Manual Transmission/Transaxle	3
	ASE 230	Automatic Transmission/Transaxle	3
	ASE 244	Engine Performance and Diagnostics	3
	ASE 246	Automotive Emissions	3
	ASE 263	Hybrid and Electric Vehicles	3
		Eligible to take the ASE A-2 Automatic Transmission/Transaxle Certification Exam Eligible to take the ASE A-8 Engine Performance Certification Exam Eligible to take the ASE L-3 Hybrid/Electric Vehicle Specialist Certification Exam	Semester Total: 15
		ELIGIBLE FOR CERTIFICATE - Automotive Technology	Program Total: 55

NOTE: The Guided Pathway provided above includes all the necessary coursework for degree/certificate fulfillment. However, courses can be offered or taken in alternate semesters, provided prerequisites are fulfilled. Courses may be scheduled during daytime, evening, hybrid, or online sessions. For specific course requirements, consult the ALABAMA TRANSFERS GUIDE @ <https://alabamatransfers.com> or contact the transfer institution.