

# Automotive Service Technology

## Career Certificate

Available: Shoals Campus

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The Automotive Service Technology program offers students a curriculum that reflects current industry standards. The curriculum will provide students with the necessary experiences, including knowledge of all automatic systems, tools, and equipment, as well as proper troubleshooting and repair techniques, to become employable in the automatic repair industry.

The Automotive Service Technology program will provide students the knowledge of workplace hazards so students will be able to work safely in the automatic industry, and will strive to instill in students in a professional work ethic so that employers will have the personnel who have the character quality and soft skills to meet their needs.

**Entering students are required to complete ORI 107. Transfer students are exempt from this requirement.**

### NOTES

\* Transfer Credit: Students may receive up to one semester of Advanced Placement for Career Technical coursework completed at another school.

**Program:** [Automotive Service Technology](#)

## Entrance Requirements

- Submit a completed application;
- High School diploma or equivalent required;
- Age Requirement:
- Submit official high school/high school equivalent transcripts, if applicable;
- Submit official college transcripts, if applicable;
- Satisfy [Placement Testing](#) requirements.

## Required Courses

Item #	Title	Credits
	ENG 101 or ENG 100	3
MTH 116	Mathematical Applications	3
AUM 101	Fundamentals of Automotive Technology	3
AUM 112	Electrical Fundamentals	3
AUM 121	Braking Systems	3
AUM 122	Steering, Suspension and Alignment	3
AUM 124	Automotive Engines	3
AUM 130	Drive Train and Axles	3
AUM 133	Motor Vehicle Air Conditioning	3
AUM 162	Electrical and Electronic Systems	3
AUM 182	Special Topics in Electrical Systems	2
AUM 212	Advanced Electrical and Electronic Systems	3
AUM 220	Advanced Automotive Engines	3
AUM 224	Manual Transmission and Transaxle	3
AUM 230	Auto Transmission and Transaxle	3
AUM 239	Engine Performance	3
AUM 244	Engine Performance and Diagnostics	3
AUM 246	Automotive Emissions	3
	<b>Minimum Credit Hours for Graduation:</b>	<b>53</b>