



# PATHWAYS



**YOUR MAP TO  
COMPLETION  
2023-2024**

## Advanced Automotive Technology

Associate in Applied Science / Certificate / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	AUM 101	Fundamentals of Automotive Technology	3	Fa Sp Su	Required V
	AUM 121	Braking Systems	3	Fa Sp Su	Required V
	AUM 122	Steering and Suspension	3	Fa Sp Su	Required V
	AUM 130	Drive Train and Axles	3	Fa Sp Su	Required V
	AUM 224	Manual Transmission and Transaxle	3	Fa Sp Su	Required V
	ORI 110	Freshman Seminar	1	Fa Sp Su	Required IV
Semester 2	AUM 112	Electrical Fundamentals	3	Fa Sp Su	Required V
	AUM 124	Automotive Engines	3	Fa Sp Su	Required V
	AUM 162	Electrical and Electronic Systems	3	Fa Sp Su	Required V
	AUM 220	Advanced Automotive Engines	3	Fa Sp Su	Required V
	AUM 230	Automatic Transmission and Transaxle	3	Fa Sp Su	Required V
	*MTH 103	Technical Math	3	Fa Sp Su	Required III
Semester 3	AUM 133	Motor Vehicle Air Conditioning	3	Fa Sp Su	Required V
	AUM 239	Engine Performance	3	Fa Sp Su	Required V
	AUM 244	Engine Performance and Diagnostics	3	Fa Sp Su	Required V
	AUM 246	Automotive Emissions	3	Fa Sp Su	Required V
	ENG 101	English Compositions I	3	Fa Sp Su	Required I
Semester 4	AUM 212	Advanced Electrical and Electronic Systems	3	Fa	Required V
	AUM 250	Hybrid & Electric Vehicle	3	Fa	Required V
	*HIS 201	United States History I	3	Fa Sp Su	Required IV
	*IDS 102	Ethics	3	Fa Sp Su	Required II
	*PHS 111	Physical Science	4	Fa	Required III
<b>Advanced Automotive Technology AAS Total Hours 65</b>					
<b>Automotive Service Technology Certificate Total Hours 55</b>					
<b>Under Car/ Chassis Specialist Short-Term Certificate Total Hours 24</b>					
<b>Under Hood/ Drivability Specialist Short-Term Certificate Total Hours 27</b>					
<b>Electrical Vehicle Specialist in Automotive Short-Term Certificate Total Hours 12</b>					

\*May be substituted per advisor's approval

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <https://alabamatransfers.com/>

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