



# PATHWAYS



**YOUR MAP TO  
COMPLETION for  
2026-2027**

## Advanced Automotive Technology

Associate in Applied Science / Certificate / Short-Term Certificate

Full Time	Course Prefix	Course Title	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	IV
	CIS 149*	Digital Literacy	3	Fa Sp Su	III
	AUM 101	Fundamentals of Automotive Technology	3	Fa	V
	AUM 121	Braking Systems	3	Fa	V
	AUM 122	Steering and Suspension	3	Fa	V
	AUM 130	Drive Train and Axles	3	Fa	V
Semester 2	MTH 103*	Technical Math	3	Fa Sp Su	III
	AUM 112	Electrical Fundamentals	3	Sp	V
	AUM 124	Automotive Engines	3	Sp	V
	AUM 162	Electrical and Electronic Systems	3	Sp	V
	AUM 220	Advanced Automotive Engines	3	Sp	V
	AUM 235	Transmissions and Transaxles	3	Sp	V
Semester 3	ENG 101	English Composition I	3	Fa Sp Su	I
	AUM 133	Motor Vehicle Air Conditioning	3	Su	V
	AUM 239	Engine Performance	3	Su	V
	AUM 244	Engine Performance and Diagnostics	3	Su	V
	AUM 246	Automotive Emissions	3	Su	V
Semester 4	IDS 102*	Ethics	3	Fa Sp Su	II
	HIS 201*	United States History I	3	Fa Sp Su	IV
	AUM 212	Advanced Electrical and Electronic Systems	3	Fa Sp Su	V
	AUM 250	Hybrid & Electric Vehicle	3	Fa Sp Su	V
	AUM 260 or AUM 281	Light Duty Diesel or Special Topics	3	Fa Sp Su	V
Advanced Automotive Technology AAS TOTAL HOURS 64					
Automotive Service Technology Certificate TOTAL HOURS 55					
Under Car / Chassis Specialist Short-Term Certificate TOTAL HOURS 21					
Under Hood / Drivability Specialist Short-Term Certificate TOTAL HOURS 27					
Electrical Vehicle Specialist in Automotive Short-Term Certificate TOTAL HOURS 12					

\* May be substituted per Advanced Automotive Instructor's approval