

Advanced Automotive Technology

Program: [Advanced Automotive Technology](#)

AAS ADVANCED AUTOMOTIVE TECHNOLOGY – Guided Pathway/Map

1st Semester

Item #	Title	Credits
AUM 101	Fundamentals of Automotive Technology	3
AUM 121	Braking Systems	3
AUM 122	Steering and Suspension	3
AUM 130	Drive Train and Axles	3
AUM 224	Manual Transmission and Transaxle	3
ORI 110	Freshman Seminar	1
	Sub-Total Credits	16

2nd Semester

Item #	Title	Credits
AUM 112	Electrical Fundamentals	3
AUM 124	Automotive Engines	3
AUM 162	Electrical and Electronic Systems	3
AUM 220	Advanced Automotive Engines	3
AUM 230	Automatic Transmission and Transaxle	3
MTH 103	Introduction to Technical Mathematics	3
	Sub-Total Credits	18

3rd Semester

Item #	Title	Credits
AUM 133	Motor Vehicle Air Conditioning	3
AUM 239	Engine Performance	3
AUM 244	Engine Performance and Diagnostics	3
AUM 246	Automotive Emissions	3
ENG 101	English Composition I	3
	Sub-Total Credits	15

4th Semester

Item #	Title	Credits
AUM 212	Advanced Electrical and Electronic Systems	3
AUM 250	Hybrid & Electric Vehicle	3
HIS 201	United States History I	3
IDS 102	Ethics	3
CIS 149	Digital Literacy	3
	Sub-Total Credits	15
	Total credits:	64