

**Automotive Service Technology (AUM)
 Certificate
 M.A.P.**

Semester	Suggested Courses	Semester(s) Offered*	Credit Hrs.
Semester 1 14 credit hours	AUM 101 Fundamentals of Automotive Technology	Fall	3
	AUM 112 Electrical Fundamentals	Fall	3
	AUM 124 Automotive Engines	Fall	3
	MTH 100 <i>or</i> Intermediate College Algebra <i>or</i> MTH 116 Mathematical Applications	Fall, Spring, Summer	3
	ORI 101 Orientation to College	Fall, Spring, Summer	2
Semester 2 12 credit hours	AUM 121 Braking Systems	Spring	3
	AUM 133 Motor Vehicle Air Conditioning	Spring	3
	AUM 162 Electrical and Electronics Systems	Spring	3
	ENG 101 English Composition I	Fall, Spring, Summer	3
Semester 3 6 credit hours	AUM 122 Steering and Suspension	Summer	3
	AUM 130 Drive Train and Transaxle	Summer	3
Semester 4 9 credit hours	AUM 212 Advanced Electrical and Electronic Systems	Fall	3
	AUM 224 Manual Transmission and Transaxle	Fall	3
	SPH 106 <i>or</i> Fundamentals of Oral Communication <i>or</i> SPH 107 Fundamentals of Public Speaking	Fall, Spring, Summer	3
Semester 5 6 credit hours <i>AUM Short-term Certificate Achieved</i>	AUM 239 Engine Performance I	Spring	3
	AUM 244 Engine Performance and Diagnostics	Spring	3
Semester 6 6 credit hours <i>AUM Certificate Achieved</i>	AUM 220 Advanced Automotive Engines	Summer	3
	AUM 230 Auto Transmission and Transaxle	Summer	3

*Course(s) may be offered in additional semesters, but are only assured to run in semester(s) indicated. It is **highly** recommended for course(s) to be completed in the semester(s) indicated.

Part-time and full-time students desiring to begin the AUM program of study during a spring or summer semester should consult with an academic advisor to establish an alternate degree completion pathway.