



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> MTH 116	Intermediate College Algebra <i>or</i> 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 162	Electrical and Electronics Systems	Spring	3
	AUM 239	Engine Performance I	Spring	3
	ENG 101	English Composition I	Fall, Spring, Summer	3
Semester 3 6 credit hours	AUM 122	Steering and Suspension	Summer	3
	AUM 133	Motor Vehicle Air Conditioning	Summer	3
Semester 4 9 credit hours	AUM 212	Advanced Electrical and Electronic Systems	Fall	3
	AUM 244	Engine Performance and Diagnostics	Fall	3
	SPH 106 <i>or</i> SPH 107	Fundamentals of Oral Communication <i>or</i> Fundamentals of Public Speaking	Fall, Spring, Summer	3
Semester 5 6 credit hours AUM STC Achieved	AUM 220	Advanced Automotive Engines	Spring	3
	AUM 250	Hybrid and Electric Vehicle	Spring	3
Semester 6 6 credit hours AUM Certificate Achieved	AUM 130	Drive Train and Transaxle	Summer	3
	AUM 230	Auto Transmission and Transaxle	Summer	3
Total Hours				53

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

Part-time students 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.