

AUTOMOTIVE TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE (AUM D522)

FCC	LTC	✓ OCC	WVC
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The Automotive Technology degree program provides students with basic to advanced automotive skills. Students completing the degree can find employment as an auto mechanic, automotive service technician, automotive technician, shop foreman, etc. Jobs can be found in automotive dealerships; auto repair and maintenance shops; retailers and wholesalers of automotive parts; accessories and supplies; home and auto supply stores; automotive equipment rental and leasing companies; federal, state, and local governments; and automotive small business owners.

The National Institute for ASE has awarded this automotive program the Master Automobile Service Technology Accreditation—the highest level of program accreditation. Upon degree completion, a student may transfer to select senior institutions to complete a baccalaureate degree.



First Semester Credit Hours 16

AUM 1235	Fuel Systems	3
AUM 1236	Electrical Fundamentals	5
AUM 2220	Ignition & Computer Systems	5
AUM 2222	Engine Performance Diagnosis	3

Second Semester Credit Hours 18

AUM 1237	Emissions Systems	3
AUM 1238	Engine Service	5
AUM 1239	Air Conditioning & Heating	4
MTH 1201	Technical Mathematics ¹	V3
	Science Gen Ed Elective ¹	3

Third Semester Credit Hours 17

AUM 2223	Brake Systems	4
AUM 2276	Hybrid & Alternative Fuels	3
AUM 2290	Steering & Suspension Systems	4
ENG 1111	Composition I ¹ OR	
ENG 1201	Communications ¹	3
SPE 1101	Fundamentals of Effective Speaking ¹ OR	
SPE 1111	Interpersonal Communications ¹	3

Fourth Semester Credit Hours 17

AUM 2224	Power Accessories	2
AUM 2225	Drive Trains	4
AUM 2228	Auto Transmission & Transaxles	5
AUM 2230	Automotive Service Internship	V2
GEN 2297	Employment Skills ¹	V1
	Social Science Gen Ed Elective ^{1*} OR	
	Humanities Gen Ed Elective ^{1*}	<u>3</u>

Total Credit Hours 68

¹General Education Hours (16)

*Course must satisfy the IECC human diversity requirement.