

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
MTH 1201	Technical Mathematics ¹	V3

Second Semester **Credit Hours 16**

AUM 1237	Emissions Systems	3
AUM 1238	Engine Service	5
AUM 1239	Air Conditioning & Heating	4
PHY 1110	Survey of Physics ¹ OR	
PHY 1111	Technical Physics I ¹	4

Third Semester **Credit Hours 17**

AUM 2222	Engine Performance Diagnosis	3
AUM 2223	Brake Systems	4
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 19**

AUM 1200	Automotive Topics	V1
AUM 2224	Power Accessories	2
AUM 2225	Drive Trains	4
AUM 2228	Auto Transmission & Transaxles	5
AUM 2230	Automotive Service Internship	V3
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 (17)

*Course must satisfy the IECC human diversity requirement.

AUTOMOTIVE SERVICE SPECIALIST CERTIFICATE (AUM C526)

✓ FCC	LTC	OCC	WVC
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The Automotive Service Specialist certificate is intended to provide students with specialized skills for the automotive industry. This certificate and the included courses have been evaluated by the National Institute for Automotive Service Excellence (ASE) and have met all required guidelines. The National Institute for ASE has awarded this automotive program the Master Automobile Service Technology Accreditation—the highest level of program accreditation.



First Semester	Credit Hours 13
AUM 1235 Fuel Systems	3
AUM 1236 Electrical Fundamentals	5
AUM 2220 Ignition & Computer Systems	5

Second Semester	Credit Hours 12
AUM 1237 Emissions Systems	3
AUM 1238 Engine Service	5
AUM 1239 Air Conditioning & Heating	4

Third Semester	Credit Hours 11
AUM 2222 Engine Performance Diagnosis	3
AUM 2223 Brake Systems	4
AUM 2290 Steering & Suspension Systems	4

Fourth Semester	Credit Hours 15
AUM 1200 Automotive Topics	V1
AUM 2224 Power Accessories	2
AUM 2225 Drive Trains	4
AUM 2228 Auto Transmission & Transaxles	5
AUM 2230 Automotive Service Internship	V3
Total Credit Hours	51

AUTO LIGHT REPAIR TECH CERTIFICATE (AUM C523)

The Auto Light Repair Tech program comes directly from standards set by the National Institute for Automotive Service Excellence (ASE). This certificate provides suitable training for employment in the automotive light repair industry such as lube shop technicians, tire shop technicians, detail work at dealerships, and parts stores. This certificate and the included courses have been evaluated by the National Institute for ASE and have met all required guidelines. The National Institute for ASE has awarded this automotive program the Master Automobile Service Technology Accreditation—the highest level of program accreditation.



First Semester	Credit Hours 7
AUM 1200 Automotive Topics	V2
AUM 1238 Engine Service	5

Second Semester	Credit Hours 4
AUM 1243 Drive Train Fundamentals	2
AUM 1244 Steering & Suspension Basics	2

Third Semester	Credit Hours 4
AUM 2223 Brake Systems	4

Fourth Semester	Credit Hours 2
AUM 1240 Electrical Basics	2
Total Credit Hours	17