

# 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 <sup>1</sup>	V3

Second Semester	Credit Hours 15
AUM 1237 Emissions Systems	3
AUM 1238 Engine Service	5
AUM 1239 Air Conditioning & Heating	4
Science Gen Ed Elective <sup>1</sup>	3

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 <sup>1</sup> <b>OR</b>	
ENG 1201 Communications <sup>1</sup>	3
SPE 1101 Fundamentals of Effective Speaking <sup>1</sup> <b>OR</b>	
SPE 1111 Interpersonal Communications <sup>1</sup>	3

Fourth Semester	Credit Hours 21
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	V2
AUM 2276 Hybrid & Alternative Fuels	3
GEN 2297 Employment Skills <sup>1</sup>	V1
Social Science Gen Ed Elective <sup>1*</sup> <b>OR</b>	
Humanities Gen Ed Elective <sup>1*</sup>	<u>3</u>

**Total Credit Hours** **69**

<sup>1</sup>General Education Hours (16)

\*Course must satisfy the IECC human diversity requirement.