

AUTOMOTIVE SERVICE TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE **(AUM D520)**

FCC	LTC	✓ OCC	WVC
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The Automotive Service Technology program is designed for students who want to become technicians in general automotive repair. Jobs that are available include automotive technicians at dealerships, independent garages, automotive specialty shops, and parts-related businesses. The pay rate may be figured on a commission basis, which promotes speed and dependability. Employment of service technicians is expected to increase due to the service requirements and complexity of the automobile.

Upon completion, the student may transfer to selected senior institutions to complete a four-year degree and be eligible as a manufacturer’s service representative, an automotive instructor, and other associated automotive management positions. The student must provide an approved tool set and safety glasses. These courses meet the National Institute for Automotive Service Excellence (ASE) standards.

First Semester	Credit Hours 17
AUM 1250 Automotive Tech Orientation	1
AUM 1265 Automotive Engines	3
AUM 2221 Automotive Electronics	10
ENG 1201 Communications ¹	3

Third Semester	Credit Hours 17
AUM 2271 Automotive Chassis Systems	10
AUM 2276 Hybrid & Alternative Fuels	3
MTH 1201 Technical Mathematics ¹	V4

Second Semester	Credit Hours 18
AUM 1202 Automotive Engine Performance	10
AUM 2250 Shop Organization & Management	V3
GEN 2297 Employment Skills ¹	V2
Social Science Gen Ed Elective ^{1*}	3

Fourth Semester	Credit Hours 18
AUM 1270 Automotive Air Conditioning	3
AUM 2215 Automotive Service Internship	2
AUM 2261 Automotive Drivetrains I	10
Humanities Gen Ed Elective ^{1*}	<u>3</u>

Total Credit Hours **70**

¹General Education Hours (15)

*One of these courses must satisfy the IECC human diversity requirement.

AUTO SERVICE TECHNOLOGY I CERTIFICATE (AUM C531)

FCC	LTC	✓ OCC	WVC
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The intent of these certificate programs is to provide students with specialized automotive certificates that are either stand-alone programs or serve as ladders to the degree program. The degree and the certificates meet the National Institute for Automotive Service Excellence (ASE) standards.

The automotive industry is one of the largest industries in the United States. It creates 6.6 million direct and spin-off jobs. Job titles include: ASE Master Mechanic, auto mechanic, automotive service technician, automotive technician, Certified ASE Master Automotive Technician, master auto technician, and shop foreman with the following automotive industries: auto repair and maintenance shops; automobile dealers; retailers and wholesalers of automotive parts, accessories, and supplies; home and auto supply stores; automotive equipment rental and leasing companies; federal, state, and local government; and automotive small business owners.

<u>First Semester</u>	<u>Credit Hours 13</u>
AUM 1265 Automotive Engines	3
AUM 2221 Automotive Electronics	10

<u>Second Semester</u>	<u>13</u>
AUM 1202 Automotive Engine Performance	10
AUM 2250 Shop Organization & Management	<u>3</u>
<u>Total Credit Hours</u>	<u>26</u>

AUTO SERVICE TECHNOLOGY II CERTIFICATE (AUM C532)

<u>First Semester</u>	<u>Credit Hours 13</u>
AUM 2271 Automotive Chassis Systems	10
AUM 2276 Hybrid & Alternative Fuels	3

<u>Second Semester</u>	<u>Credit Hours 13</u>
AUM 1270 Automotive Air Conditioning	3
AUM 2261 Automotive Drivetrains	<u>10</u>
<u>Total Credit Hours</u>	<u>26</u>