Automotive Technology  
Associate of Science  
2017-2018

General Areas of Service:
Many automotive service technologists and mechanics perform a variety of repairs while others choose to specialize. In their field, they usually repair or replace parts, rewire electrical systems, adjust brakes, and mend body parts. Typically, mechanics work in car dealerships, service stations, garages, automotive factories, and service departments.

Professional Training:
A high school diploma and college automotive courses are needed. The profession requires manual dexterity and hand-eye coordination. Some training can be done on the job and an apprenticeship is recommended as competition for these jobs are keen. This A.S. degree in Automotive Technology is planned to be a three-year program.

Denominational Opportunities:
Most denominational institutions hire automotive shop personnel.

Job Outlook:
According to the Bureau of Labor Statistics, “[e]mployment of automotive technicians and mechanics is projected to grow 5 percent from 2014 to 2024, about as fast as the average for all occupations.” Opportunities should be better for individuals with postsecondary training, while those lacking postsecondary training will likely encounter keen competition for entry-level positions. (See www.bls.gov)

Earnings:
According to the Bureau of Labor Statistics, “[t]he median annual wage for automotive service technicians and mechanics was $38,470 in May 2016.” (See www.bls.gov)
The chart below details one suggested path a student may take to complete an associate’s degree in Automotive Technology. Cognates shown through italics. Classes that are offered with multiple sections are listed in each quarter they are available. Cognates, general studies courses and electives should be taken to complete 96 credit hours to complete an Automotive Technology Associate of Science. See the Undergraduate Bulletin for complete requirements.

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<tr>
<th>Freshman</th>
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<tr>
<td>AUTO 134</td>
<td>Internal Combustion Engine Theory</td>
<td>AUTO 145</td>
<td>Manual Drive Trains &amp; Axles</td>
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<td>AUTO 135</td>
<td>Lab for AUTO 134</td>
<td>AUTO 146</td>
<td>Lab for AUTO 145</td>
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<tr>
<td>TECH 241</td>
<td>Fabrication &amp; Machining of Metals I</td>
<td>DSGN 121</td>
<td>Fundamentals of CAD</td>
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<td><strong>Computer Business Applications</strong></td>
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<th>Sophomore</th>
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<tr>
<td>AUTO 314</td>
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<td>AUTO 315</td>
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<tr>
<td>TECH 335</td>
<td>Computer Controlled Prototyping in Tech</td>
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<td>AUTO 280</td>
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+ AUTO 337 Brake Systems & Traction Control
+ AUTO 338 Lab for AUTO 337

Before graduation, all students must take an exit exam.

Total Credits Required: 96 Credits

Cognates:
- Freshman
  - CIS 140 – Computer Business Applications

English Requirements:
- Freshman
  - ENGL 121 & 122 – College Writing
- Junior
  - ENGL 223 – Research Writing

General Requirements:
- Health & P.E.: 0-2 cr.
- History: 0-4 cr.
- Social Science: 0-4 cr.
- Humanities: 0-8 cr.
- Language Arts: 9-13 cr.
- Mathematics: 0-4 cr.
- Natural Science: 0-4 cr.
- Religion & Theology: 8 cr.

Notes:
- + Classes offered even years
- - Classes offered odd years