Automotive Technology Specializations

The Automotive Technology Associate in Applied Science degree also allows students to select one of the following two specializations:

- General Motors Automotive Service Educational Program (ASEP)
- Honda/Acura Professional Automotive Career Training (PACT)

NOTE: Students will be awarded one degree: Automotive Technology Associate in Applied Science

General Motors Automotive Service Educational Program (ASEP)

- This specialization trains students in the testing, diagnosis, and servicing of General Motors motor vehicles and prepares graduates for employment in a GM dealership or participating AC Delco repair facility.
- Students must complete a cooperative work experience (co-op) course each semester with a GM dealership or an approved AC Delco repair facility. **
- This is the only General Motors Automotive Service Educational Program in South Carolina.
- Specialization Entrance Requirements:
  - Acceptable placement test score(s), plus high school diploma or equivalent.
  - Student must be placed in an ASEP approved co-op upon program entry.
  - Student must pass drug test for employer and have a good driving record.
  - Student must interview with the program director.

Recommended Program Schedule for ASEP Specialization

First Semester - Fall
- AUT 122 Suspension and Alignment 4.0
- AUT 132 Automotive Electricity 4.0
- AUT 159 Tools, Equipment and Reference Manuals 3.0
- COL 205 Leadership Seminar 3.0
- CWE 111 Cooperative Work Experience I ** 1.0

Second Semester - Spring
- AUT 103 Engine Reconditioning 4.0
- AUT 112 Braking Systems 4.0
- AUT 231 Automotive Electronics 4.0
- MAT 170 Algebra, Geometry and Trigonometry* 3.0
- CWE 121 Cooperative Work Experience II ** 1.0

Third Semester - Summer
- AUT 152 Automatic Transmission Overhaul 4.0
- AUT 241 Automotive Air Conditioning 4.0
- ENG 165 Professional Communications* 3.0
- CWE 131 Cooperative Work Experience III ** 1.0

Fourth Semester - Fall
- AUT 116 Manual Transmission and Axle 4.0
- AUT 149 Ignition and Fuel Systems 4.0
- AUT 252 Advanced Automatic Transmission 4.0
- HSS 105 Technology and Culture* 3.0
- CWE 211 Cooperative Work Experience IV ** 1.0
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AUT 107</td>
<td>Advanced Engine Repair</td>
<td>4.0</td>
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<tr>
<td>AUT 232</td>
<td>Automotive Accessories</td>
<td>2.0</td>
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<td>AUT 247</td>
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<td>PSY 103</td>
<td>Human Relations*</td>
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<tr>
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<td>Cooperative Work Experience V**</td>
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<tr>
<td></td>
<td>General Education Elective*</td>
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**Total credit hours**: 76.0

*General education course

Visit [https://www.gvltc.edu/gainful-employment/](https://www.gvltc.edu/gainful-employment/) for important information about the educational debt, earnings and graduation rates of students who attended programs.