### SUNY Canton Automotive Technology (AUTO) – A.A.S (525)

**Program Coordinator:** Brandon Baldwin  
**Advisors:** B. Baldwin & K. Wurster

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
<th>Term</th>
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<tr>
<td>1st Semester</td>
<td>MATH 101</td>
<td>Applied College Mathematics</td>
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<tr>
<td></td>
<td>AUTO 112</td>
<td>Automotive Electrical Systems</td>
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<tr>
<td></td>
<td>AUTO 122</td>
<td>Automotive Electrical Systems Lab</td>
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<tr>
<td></td>
<td>AUTO 101</td>
<td>Automotive Service</td>
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<td>AUTO 111</td>
<td>Automotive Service Lab</td>
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<td></td>
<td>AUTO 104</td>
<td>Basic Welding</td>
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<td></td>
<td>ENGL 101/102</td>
<td>Exp. Writing -or- Oral and Written Expression (GER 10)</td>
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<td>2nd Semester</td>
<td>AUTO 113</td>
<td>Engine Performance I</td>
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<td>AUTO 114</td>
<td>Engine Performance I Lab</td>
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<td>AUTO 141</td>
<td>Automotive Braking Systems</td>
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<td>Automotive Braking Systems Lab</td>
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<td></td>
<td>AUTO102/103</td>
<td>Diesel Engines –or- Automotive Air Conditioning</td>
<td>3</td>
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<td>MECH 121</td>
<td>Manufacturing Processes I</td>
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<td>PHYS 115</td>
<td>Basic Physics (GER 2)</td>
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<td>3rd Semester</td>
<td>AUTO 213</td>
<td>Engine Performance II</td>
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<td>AUTO 220</td>
<td>Internal Combustion Engines</td>
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<td>AUTO 212</td>
<td>Automotive Electrical Systems II</td>
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<td>AUTO 230</td>
<td>Service Mgt. and Operations</td>
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<td>Business Elective</td>
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<td>Humanities Elective</td>
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<td>(GER 7, 8, 9)</td>
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<td>Social Science Elective</td>
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<td>(GER 3)</td>
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**NOTES:**
1. Mathematics level depends on previous preparation. Applied College Mathematics (MATH 101) is the minimum requirement. Math 106 Intermediate Algebra or higher maybe substituted.
2. PHYS 121/125 – College Physics I lecture/lab may substitute if student meets prerequisites.
3. One required. Courses offered alternating years.
4. Writing Intensive course.
5. BSAD electives include BSAD100, 120, 200, 215, 220, 222.
6. General elective courses can include (AUTO221-Automatic Transmissions [Spring], AUTO225-Manual Transmissions [Fall]).
7. Transfers from Powersports use MSPT 101 for AUTO 101 & 111. MSPT 130 as an elective replacement for AUTO 102 or 103, and MSPT 110 for Auto 220. MSPT 120 can be used as the 3rd semester elective.

**Graduation Requirements:** Total Semester Credit Hours – 63  G.P.A. 2.0 min.

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<tr>
<th>STUDENT</th>
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