AUTOMOTIVE TECHNOLOGY PROGRAM
Technology Building
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http://dixie.edu/technology/

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Program Description
The Automotive Technology program at Dixie State College provides students with the opportunity to increase their automotive mechanics skills for personal enrichment or in order to pursue a career. Career path courses are taught to the National Institute for Automotive Service Excellence (ASE) standards to prepare students for certification tests.

Accreditation
The Automotive Technology program is accredited by the National Automotive Technicians Education Foundation (NATEF), the education arm of the National Institute for Automotive Service Excellence. The National Automotive Technician Education Foundation can be contacted at:

NATEF
101 Blue Seal Drive, Suite 101
Leesburg VA 20175
(703) 669-6650
http://www.natef.org

Course Prefixes
• AUTO

Degrees & Certificates
• Associate of Applied Science in Automotive Mechanics
• Automotive Mechanics Certificate

Associate of Applied Science in Automotive Mechanics
63 credits

General Education Requirements
Complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1010</td>
<td>Intro to Writing</td>
<td>3</td>
</tr>
<tr>
<td>LIB 1010</td>
<td>Information Literacy</td>
<td>1</td>
</tr>
</tbody>
</table>

General Requirements
Complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1060</td>
<td>Pre-Employment Seminar</td>
<td>1</td>
</tr>
<tr>
<td>BUS 1370</td>
<td>Human Relations</td>
<td>3</td>
</tr>
<tr>
<td>CIS 1200</td>
<td>Computer Literacy</td>
<td>3</td>
</tr>
</tbody>
</table>

Program Requirements
Complete one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1010</td>
<td>Intermediate Algebra</td>
<td>4</td>
</tr>
<tr>
<td>OR higher MATH course</td>
<td>3-5</td>
<td></td>
</tr>
</tbody>
</table>

Recommended Prerequisite
Complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 1100</td>
<td>Automotive Fundamentals / Lab</td>
<td>3.5</td>
</tr>
</tbody>
</table>

Discipline Core Requirements
Complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO 1120</td>
<td>Suspension &amp; Steering</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1125</td>
<td>Suspension &amp; Steering Lab</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1130</td>
<td>Brakes</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1135</td>
<td>Brakes Lab</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1320</td>
<td>Engine Repair</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1325</td>
<td>Engine Repair Lab</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1430</td>
<td>Manual Drive Trains</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1435</td>
<td>Manual Drive Trains Lab</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1440</td>
<td>Automatic Transmissions</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 1445</td>
<td>Automatic Transmissions Lab</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 2100</td>
<td>Automotive Electrical Systems</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 2105</td>
<td>Automotive Electrical Systems Lab</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 2220</td>
<td>Engine Performance I</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 2225</td>
<td>Engine Performance I Lab</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 2330</td>
<td>Auto A/C &amp; Heating</td>
<td>3</td>
</tr>
<tr>
<td>AUTO 2335</td>
<td>Auto A/C &amp; Heating Lab</td>
<td>3</td>
</tr>
</tbody>
</table>

Recommended (not required)
Complete the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
</table>

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AUTOMOTIVE

AUTO 2530     Engine Perf. II & Alt Fuels     3
AUTO 2535     Engine Perf. II & Alt Fuels Lab  3

Graduation Requirements

1. Complete a minimum of 63 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C or higher in each Discipline Core Requirement course.

Automotive Mechanics Certificate
24 credits

Recommended Prerequisite

Complete the following:

AUTO 1100     Automotive Fundamentals     3.5

Discipline Core Requirements

Complete four (4) of the following sets of courses:

AUTO 1120/25     Suspension & Steering     3/3
AUTO 1130/35     Brakes                      3/3
AUTO 1320/25     Engine Repair                3/3
AUTO 1430/35     Manual Transmissions /Drive Trains     3/3
AUTO 1440/45     Automatic Transmissions       3/3
AUTO 2100/05     Auto Electrical Systems       3/3
AUTO 2220/25     Engine Performance I         3/3
AUTO 2330/35     Electron/Heat/Air Cond.       3/3

NOTE: Courses prepare students for ASE Certification tests.

Completion Requirements

1. Complete a minimum of 24 college-level credits (1000 and above).
2. Grade C or higher in each Discipline Core Requirement course.