Auto Body Repair

Associate in Applied Science

Mission Statement
The Auto Body Department at Greenville Technical College is dedicated to the training of students to meet the ever changing needs of the automotive collision repair industry. The program will be continually monitored and improved to meet employer needs through the department advisory committee which is composed of representatives from insurance, dealer, and independent companies.

Entrance Requirements:
Acceptable placement test score(s), plus high school diploma or GED

Type of Program:
Daytime only

Professional Credentials:
- ASE Automotive Service Excellence Technician (subject to passing exam); I-CAR Pro Level I certificate for Refinishing and Non-Structural (subject to passing exam); I-CAR Welding Certification Steel and Aluminum (subject to passing hands on assessment)

Employment Opportunities:
- Automotive body repair technician, estimator, refinish technician, shop foreman, shop manager, service advisor, parts specialist, shop owner.
  - This program consists of unibody/full frame structural repair, welding, estimating, automotive electricity, air conditioning, restraints and refinishing.
  - This program is accredited through the National Automotive Technicians Education Foundation (NATEF).

Recommended Program Schedule

**First Semester - Fall**
- ABR 104 Auto Body Fundamentals 3.0
- ABR 105 Structural Measuring and Analysis 3.0
- ABR 106 Non-Structural Plastics and Metal Repairs 3.0
- ABR 107 Refinishing Fundamentals 3.0
- MAT 170 Algebra, Geometry and Trigonometry* 3.0

**Second Semester – Spring**
- ABR 102 MIG Welding 3.0
- ABR 115 Structural Repair Planning and Correction 3.0
- ABR 116 Non-Structural Panel Replacement and Trim 3.0
- ABR 117 Refinishing Application Processes 3.0
- PSY 103 Human Relations* 3.0

**Third Semester – Summer**
- ABR 127 Refinishing Color Tinting and Blending 3.0
- ABR 114 Estimating Fundamentals 3.0
- ABR 135 Structural Sectioning and Frame Replacement 3.0
- ENG 165 Professional Communications* 3.0
<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ABR 126</td>
<td>Non-Structural Advanced Materials</td>
<td>3.0</td>
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<tr>
<td>ABR 124</td>
<td>Advanced Estimating Procedures</td>
<td>3.0</td>
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<tr>
<td>ABR 142</td>
<td>Auto Body Mechanical Systems</td>
<td>3.0</td>
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<tr>
<td>ABR 143</td>
<td>Auto Body Electricity</td>
<td>3.0</td>
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<tr>
<td>PHS 111</td>
<td>Conceptual Physics*</td>
<td>3.0</td>
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<tr>
<td>ABR 132</td>
<td>Shop Management Concepts</td>
<td>3.0</td>
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<tr>
<td>ABR 136</td>
<td>Metal Shaping and Fabrication</td>
<td>3.0</td>
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<tr>
<td>ABR 137</td>
<td>Advanced Refinishing Processes</td>
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<td>ABR 144</td>
<td>Heating, Cooling, and Air Conditioning</td>
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<tr>
<td>HSS 105</td>
<td>Technology and Culture*</td>
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**Total Required Credit Hours**  
72.0

*General education course

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