OUR MISSION

The Automotive Collision Repair program is designed to educate and train persons to become qualified to repair damaged vehicles. Students enrolled in this program are provided with theory and hands-on experiences pertaining to personal safety rules and procedures, structural metal straightening, non-structural metal repair, paint and refinishing, welding, plastic repairs and vehicle estimating.

INDUSTRY FACTS

Overall employment of automotive body and glass repairers is projected to grow 8 percent from 2016 to 2026, about as fast as the average for all occupations. Employment growth will vary by specialty. An increase in the number of vehicles on the road should bolster demand for automotive body and glass repair over the next decade. Demand may fluctuate throughout the year due to the seasonality of inclement weather in some regions. The need for repair may be greater during the winter months in areas with snow and ice, for example, because those conditions increase the chance of accidents. The adoption of advanced safety features, such as automatic braking for collision avoidance and more durable automotive glass, may reduce future demand for automotive body and glass repair work, but this technology will take time to become commonplace. Job opportunities are projected to be good for automotive body and glass repairers. The need to replace experienced automotive body and glass repairers who change occupations, retire, or stop working for other reasons will also provide many job opportunities.

The best opportunities in automotive body repair will be available to those with industry certification and training in automotive body repair and refinishing, and in collision repair. (Source: Bureau of Labor and Statistics Occupational Outlook Handbook, 2017-2018 Edition)

POTENTIAL SALARY RANGE

The median annual wage for automotive body and related repairers was $42,730 in May 2018. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than $34,170, and the highest 10 percent earned more than $70,670.

$42,730

Source: Bureau of Labor and Statistics Occupational Outlook Handbook, May 2018

Looking to add to your skills?
Let Trenholm State help you profit from your passion with a career in the Automotive Collision Industry.

FOR ADDITIONAL INFORMATION:
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(334) 420-4333
jbeckham@trenholmstate.edu

H. Councill Trenholm State Community College
Post Office Box 10048 • Montgomery, AL 36108
Phone: (334) 420-4200
www.trenholmstate.edu

EQUAL OPPORTUNITY IN EDUCATION AND EMPLOYMENT

It is the official policy of the Alabama Department of Postsecondary Education and H. Councill Trenholm State Community College that no person shall, on the grounds of race, color, disability, sex, religion, creed, national origin, or age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program, activity, or employment. (Source: Bureau of Labor and Statistics Occupational Outlook Handbook, 2017-2018 Edition)
WHAT IS AUTOMOTIVE COLLISION REPAIR?

Automotive body repairers restore, refinish, and replace vehicle bodies and frames, windshields, and window glass.

Automotive body repairers typically do the following:
- Review damage reports, prepare cost estimates, and plan work
- Inspect cars for structural damage
- Remove damaged body parts, including bumpers, fenders, hoods, grilles, and trim
- Realign car frames and chassis to repair structural damage
- Hammer out or patch dents, dimples, and other minor body damage
- Fit, attach, and weld replacement parts into place
- Sand, buff, and prime refurbished and repaired surfaces
- Apply new finish to restored body parts

Automotive body repairers can repair most damage from vehicle collisions and make vehicles look and drive like new. Repairs may be minor, such as replacing a cracked windshield, or major, such as replacing an entire door panel. After a major collision, the underlying frame of a car can become weakened or compromised. Body repairers restore the structural integrity of car frames to manufacturer specifications. Body repairers use pneumatic tools and plasma cutters to remove damaged parts, such as bumpers and door panels. They also often use heavy-duty hydraulic jacks and hammers for major structural repairs, such as aligning the body. For some work, they use common hand tools, such as metal files, pliers, wrenches, hammers, and screwdrivers. In some cases, body repairers complete an entire job by themselves. In other cases, especially in large shops, they use an assembly line approach in which they work as a team with each individual performing a specialized task. (Source: Bureau of Labor and Statistics Occupational Outlook Handbook, 2017-2018 Edition)

C U R R I C U L U M  R E Q U I R E M E N T S  F O R
C E R T I F I C A T E  I N  A U T O M O T I V E
C O L L I S I O N  R E P A I R

GENERAL EDUCATION CORE REQUIREMENTS: (6 Hours)

<table>
<thead>
<tr>
<th>Area</th>
<th>Course</th>
<th>Hours Required</th>
<th>Recommended Course(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Written Composition</td>
<td>3</td>
<td>ENG 101</td>
</tr>
<tr>
<td>III</td>
<td>Natural Sciences and Mathematics</td>
<td>3</td>
<td>MTH 116</td>
</tr>
</tbody>
</table>

AREA V: (47 Hours)

ORI 101 Orientation to College ......................................................... 1
ABR 111 Non-Structural Repair ............................................................... 3
ABR 114 Non-Structural Panel Replacement .............................................. 3
ABR 122 Surface Preparation .................................................................. 3
ABR 123 Paint Applications and Equipment ............................................. 3
ABR 151 Safety and Environmental Practices ........................................... 3
ABR 154 Auto Glass and Trim .................................................................. 3
ABR 156 Auto Cutting and Welding ........................................................... 3
ABR 157 Automotive Plastic Repairs ........................................................ 3
ABR 213 Structural Analysis .................................................................... 3
ABR 214 Structural Repair ....................................................................... 3
ABR 223 Automotive Mechanical Components ......................................... 3
ABR 255 Steering and Suspension ............................................................. 3
ABR 258 Heating and AC in Collision Repair .............................................. 3
ABR 261 Restraint Systems ..................................................................... 3
ABR 265 Paint Defects and Final Details .................................................. 3
ABR 291 Co-op ......................................................................................... 1
TOTAL ........................................................................................................ 53

AWARDS AVAILABLE

CERTIFICATE
- Automotive Collision Repair (53 Semester Hours)

SHORT-TERM CERTIFICATE
- Automotive Collision Repair – Refinishing (28 Semester Hours)
- Automotive Collision Repair – Structural Repair (25 Semester Hours)

ACREDITATION

H. Councill Trenholm State Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award the Associate in Arts, Associate in Science, and Associate in Applied Science degrees as well as certificates in specific occupational areas. Contact the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of H. Councill Trenholm State Community College.