

# **AUTO BODY TECHNOLOGY I, II, III**

**Course Code:**

8676/8677/8678

**Course Description:**

In the global automobile collision repair industry, there is a growing demand for auto body technicians. In this program, students are taught damage analysis, estimating, customer service, non-structural analysis, damage repair, surface preparation, spray gun and related equipment operation, paint mixing, match and applying, and final vehicle detailing, and welding. Students work in a variety of materials, using metal finishing and body filling techniques to prepare surfaces and repair panels.

**Topics of Study:**

Safety/First Aid  
Hand & Power Tools  
Auto Body Construction  
Auto Body Shop Operations  
Welding Practices  
Simplified Metal Straightening & Repairs  
Simplified Plastic Repairs  
Body & Structural Alignment  
Repairing & Replacing Panels & other components  
Glass Service & Replacement  
Electrical & Mechanical Components  
Refinishing Equipment & Materials  
Applying Finish  
Estimating  
Career Opportunities

**Campus Location:**

Butler Farm, Hampton

**Sessions:**

AM and PM

**Class Size:**

20 students

**Credentials:**

ICAR Certifications

**Career & Technical Student Organization:**

SkillsUSA

**Work-Based Learning Opportunities:**

Summer Mentorship

Job Shadowing

Paid Internship - Required for 2nd year students

**Course Prerequisites:**

Completed 10th grade English with a grade of "C" or better

**Instructor Bio:**

Scott Harrell

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Industry Conference on Auto Collision Repair (ICAR) Instructor

Automotive Service Excellence (ASE) Certified

Axalta Coating Systems

3M Manufacturing Company

30+ Years Experience

**Projected Employment:**

Overall employment of automotive body and glass repairers is projected to show 1% growth from 2022 to 2032. About 15,100 openings for automotive body and glass repairers are projected each year, on average, over the decade. "Auto Body and Glass Repairers." Occupational Outlook Handbook, US Bureau of Labor Statistics, 11 October, 2023.

<https://www.bls.gov/ooh/installation-maintenance-and-repair/automotive-body-and-glass-repairers.htm#tab-6>

**Career Pathways:**

Auto Body Technician

Claims Adjuster, Appraiser, & Investigator

Automotive Glass Installer & Repairer

Automotive Service Technician & Mechanic

Heavy Vehicle & Mobile Equipment Service Technician

Diesel Service Technician & Mechanic

Painting & Coating Worker

Program Flyer: (linked)