

AUTO BODY REPAIR ASSOCIATE IN APPLIED SCIENCE

Program Description

This program consists of courses that train students in vehicle cosmetic body panel repair, unibody/full-frame structural repair, welding, estimating, automotive electricity, air conditioning, vehicle safety restraints, vehicle refinishing, and collector car restoration processes.

Embedded Certificate

This program contains one or more embedded certificates which will automatically be awarded if the certificate requirements are met unless the student completes and submits the Program of Study Change Form (https://www.gvltec.edu/admissions_aid/student_forms/) requesting to opt out of the embedded certificate.

Mission Statement

The Auto Body Repair Program 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 feedback from the program advisory committee which is composed of representatives from insurance companies, automotive dealers, and independent collision repair shops.

Entrance Requirements

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

Type of Program

Daytime only

Accreditation

The ABR Associate in Applied Science program is accredited by the ASE Education Foundation.

Professional Credentials

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

Employment Opportunities

Collision repair technician, collector car restoration technician, estimator, refinish technician, shop foreman, shop manager, service advisor, parts specialist, shop owner.

Visit our web page at <https://www.gvltec.edu/autobody/>.

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

Note: Please contact your advisor for recommended evening schedules.

First Semester		Hours
COL 105	Freshman Seminar	3
ABR 104	Auto Body Fundamentals	3
ABR 105	Structural Measuring and Analysis	3
ABR 106	Non-Structural Plastic and Metal Repairs	3
ABR 107	Refinishing Fundamentals	3
MAT 170	Algebra, Geometry, and Trigonometry I	3
Total Semester Hours		18
Second Semester		Hours
COL 111	E-Learning Success	1
ABR 102	Mig Welding	3
ABR 115	Structural Repair Planning & Correction	3
ABR 116	Non-Struct Panel Replacement & Trim	3
ABR 117	Refinishing Application Processes	3
PSY 103	Human Relations	3
Total Semester Hours		16
Third Semester		Hours
ABR 127	Refinishing Color Tinting and Blending	3
ABR 114	Estimating Fundamentals	3
ABR 135	Structural Sectioning & Frame Replacement	3
ENG 165	Professional Communications	3
Total Semester Hours		12
Fourth Semester		Hours
ABR 126	Non-Structural Advanced Materials	3
ABR 124	Advanced Estimating Procedures	3
ABR 142	Mechanical Systems	3
ABR 143	Auto Body Electrical Systems	3
PHS 111	Conceptual Physics I	3
Total Semester Hours		15
Fifth Semester		Hours
ABR 132	Shop Management Concepts	3
ABR 136	Metal Shaping and Fabrication	3
ABR 137	Advanced Refinishing Processes	3
ABR 144	Heating, Cooling, and Air Cond Systems	3
HSS 105	Technology and Culture	3
Total Semester Hours		15
Total Required Credit Hours		76