

AUTO BODY REPAIR SYLLABUS

Description of Course

The Auto body program is designed to teach students the basic fundamentals of all phases of the Auto Body trade. The course provides the student with actual hands-on experience. When the course is completed, the student will be qualified to do minor body repair, spot refinishing, and overall refinishing.

Length of Program

Two years are required for the completion of the course.

Recommended Preparatory Requirements

There are no specific prerequisites, except that the student should have an interest in auto repair.

Employment Opportunities

Students can find employment in local body shops, become an individual shop owner, or an insurance adjuster. There are four areas in which students can specialize; glass work, painting and refinishing, or frame repair. Students can continue their education with a two- or four-year program at local colleges.

Units of Credit

Students will receive two units of credit toward graduation for each year of training. A certificate will be awarded for the completion of the course.

GENERAL OUTLINE OF PROGRAM

1. Orientation and Introduction
2. Welding and Cutting
3. Removal and Replacement of Body Parts
4. Panel Straightening and Metal Finishing
5. Refinishing
6. Upholstery and Glass
7. Basic Automotive Electricity
8. Front Suspension and Wheel Alignment
9. Basic Frame and underbody Alignment
10. Auto Cooling System
11. Shop Management

SOME PROJECTS YOU WILL DO

1. Completely paint and Refinish an Auto
2. Remove and Replace Front-end Assembly
3. Remove and Replace Windshield and rear Window
4. Remove, Replace, and Align Doors, Fenders, Hoods and Deck Lids
5. Mix and Apply Plastic Filler
6. Cutting and Welding

Grading

Learning assessments are conducted through classroom assignments; written, oral, and practical testing, periodic work habits and attitude evaluations, and student performance in the live lab. Grades are based on student accomplishments in these areas, weighed as follows:

Exams and Written Assignments (reports, homework, research papers, etc.) Graded written assignments and tests are given in each module to assess learning, and a final exam is administered at the end of each course.	15%
Daily Attendance, Work Habits, and Attitudes Includes prompt daily attendance and participation in classroom, lab, and mandatory extracurricular activities. Students are expected to practice work habits and attitudes in line with accepted standards in the industry. The Work habits Rating assessment will be used to determine this grade.	25%
Lab Performance Lab practicum and live job performance will be evaluated for this portion of the grade. Task performance in accordance with industry standards includes demonstrating mastery of knowledge and skills, quality of work performed, and quantity of work produced. Selected modules will have capstone projects to demonstrate mastery of the course work.	60%