

Course Syllabus Auto Collision Repair and Refinishing

This program combines textbook learning with hands-on experience to teach all aspects of the Auto Collision industry from safety of hand and power tools, to various body filler, different metal working techniques, and panel replacement. Also single stage and multi-stage paint systems.

The Students will also experience what it is like to work as a team in a live a shop setting and be solely responsible for a professional looking job that they can be proud of from start to finish.

Course Objectives:

1. Applying painting and refinishing materials
2. Prepare paints for mixing
3. Apply professional attributes
4. Apply communication skills
5. Use critical/creative thinking skills
6. Disassemble, adjust, and replace glass
7. Weld and cut metal
8. Determine non-structural analysis and damage repair
9. Determine outer body panel repairs, replacements and adjustments
10. Perform metal finishing and body repair
11. Work with plastics and adhesives
12. Install trim accessories and hardware
13. Estimate auto body repair costs
14. Apply personal safety rules and procedures.

Text:

Duffy, James E. Auto Body Repair Technology, 5th Edition, Delmar Cengage Learning, 2009, video library, power point presentations and workbooks

I-CAR video library, power point presentations and workbooks

Attendance:

Students will be allowed two excused absences per marking period.

Evaluation:

The final grade for the course will be based on the grade totals achieved in the completions of competencies as follows. Grades on individual assignments will be based on quantitative and qualitative measures as they relate to the completion of activities.

First quarter the majority of the quarter will be classroom activities, therefor the basis on grading will be

Classroom	50 %
Shop	20%
Journals	30%

The 2nd, 3rd, and 4th quarter, the shop activity will increase and the classroom time will lessen therefor the basis on grading will be.

Classroom	20 %
Shop	50%
Journals	30%