

Auto Body Repair Course Syllabus “Collision Repair and Refinishing”

Instructor: Mark Dellinger

Room #: B-203 and B-204

E-mail: mdelling@rock-hill.k12.sc.us

Class Times: 1st Block 8:30 – 10:00

2nd Block 10:15 – 11:25 (RHH & SPH) – 11:35(NWH)

3rd Block 12:20 – 1:40(RHH & SPH) – 1:50(NWH)

4thBlock 2:05 – 3:30

A. Description

Collision Repair and Refinishing is a 3-year program that studies the repair of a wrecked vehicle to pre-accident condition. Level I is an introductory class where students will be exposed to the career field of Auto Collision, Auto Technology and Small Engines in order to make an informed decision for their career path. Level II students spend approximately 80% instructional time learning and developing repair skills. Level III students spend approximately 90% of instructional time in the shop practicing repairs on panels and shop simulators. As we near the end of the school year, depending on time, some “live” automobiles will be repaired. **First and Second year student vehicles are rarely considered for major repairs.**

Introduction to Transportation students will learn:
General Safety for the Transportation Cluster
Career Opportunities in the Transportation Cluster
Employability Skills in the Transportation Cluster

Collision Repair and Refinishing II students will study:

Safety	Sheet metal repair
Tools and uses	Plastic fillers
Parts	Refinishing
Panel replacement	

Collision Repair and Refinishing III students will study:

Mig welding	Detailing
Plastic repair	Refinishing
Adhesive repair	Job skills
Panel replacement	

B. Text

Motor Auto Body Repair 3rd edition

I-Car Enhanced Delivery CD-ROMS

C. Grading

Tests	40%
Lab	30%
Employability Skills	30%

Employability skills are calculated with a rubric. Items included on the rubric are punctuality, dressing in appropriate lab attire (being prepared), staying on task, correctly using safety practices, and cleaning up the lab area.

Attendance and Make-up

Attendance in class, just as in the “real world,” is a must. It is the student’s responsibility to make up missed tests and assignments. Students will be given an amount of time to complete make up work equal to the amount of time given on the original assignment.

D. Expenses

1. Students are required to wear appropriate attire in the shop area. Coveralls are acceptable, however, another option will be class t-shirts (not available for Intro class). Coveralls may be purchased from a local retailer. T-shirts for \$5 each will be available through the instructor. Replacement t-shirts may be available throughout the year for \$10. **SUBJECT TO CHANGE**
2. One pair of safety glasses will be provided for each student. Replacements will be available for \$3.
3. State law mandates a respirator must be used when working with hazardous materials. Due to personal hygiene, it is requested that each student have their own. They can be purchased for \$15 through the instructor. They are also available at local retailers ranging from \$17 to \$25. **(NIOSH approved only) SUBJECT TO CHANGE**
4. Students will be issued tools to use in the shop area. They are responsible for any tool issued to them. A replacement fee will be charged to any student who loses or damages a class tool.
5. **Level III students only** may obtain I-CAR gold class points for \$10 each. Points available are Hazardous Materials, Corrosion Protection, Straightening Steel, Straightening Aluminum, Customer Relations, Refinish 1, Refinish 2, Refinish 3, Refinish 4 and Refinish 7.

E. Expectations

1. Exercise safety procedures at all times.
2. Wear eye protection while in the shop.
3. Do not distract anyone who is using power tools or equipment.
4. Do not interrupt classroom instructional time.
5. Follow all shop rules.
6. Absolutely no horseplay in the shop area.
7. Conform to all ATC/home school rules of conduct.
8. Respirators must be worn when working with hazardous materials.

As a student in the Collision Repair and Refinishing program at ATC, you can expect that your instructor will:

1. Give you 100%
2. Treat you as an adult.
3. Try to understand your point of view.
4. Treat you, very much, like an employer will.
5. Defend you when you are right.
6. Provide current, useful information
7. Never ask you to do something that I would not do.
8. Lead by example.
9. Help you become employable if you demonstrate that you want to be.
10. Never be satisfied with second best.

Tentative Class Schedule

Orientation/General Shop Safety	2 weeks
Metal Straightening	3 weeks
Plastic Filler	4 weeks
Refinishing	9 weeks

80% : 20%		90% : 10%			
II.	Orientation/Safety	2 weeks	III.	Orientation/Safety	1 week
	Tools	1 week		Repair Orders	1 week
	Parts	1 week		Adhesive Repair	1 week
	Designs	1 week		Structural Repair	4 week
	Clips	1 week		Damage Analysis	4 week
	Filler	1 week		Panel Replacement	4 week
	Sandpaper	1 week		Detailing	2 week
	Straightening	1 week		Job skills	1 week
	Refinishing	1 week			

I have read and understand the rules and expectations for Collision Repair and Refinishing Program.

Parent Signature _____

Student Signature _____