

Cocke County High School

Collision Repair Technology:

DE Auto Collision Repair IV (C20H31)

Painting & Refinishing Syllabus

Part 1: Course Information

Instructor Information

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Course Description

Collision Repair: Painting & Refinishing is for students who wish to obtain in-depth knowledge and skills in automotive painting and refinishing procedures in preparation for postsecondary training and careers as collision repair technicians. Upon completion of this course, proficient students will be able to develop, document, and implement refinishing plans for given vehicles. Students will read and interpret technical texts to determine, understand, and safely perform appropriate repair techniques and procedures. Standards in this course include surface preparation; spray gun and related equipment operation, paint mixing, matching, and applying; diagnosis and correction of paint defects; and final detailing. Students completing the Automotive Collision Repair program of study will be eligible to take the examination for Automotive Student Excellence (ASE) Student Certification in Collision Repair. Students completing this course will be

eligible to take the examination for ASE Professional Certification in Painting & Refinishing (B2). Some tasks are assigned a "High Priority (HP)" designation. NATEF accredited programs must include at least 95% of the HP-I (Individual) tasks and 90% of the HP-G (Group) tasks in the curriculum.

Prerequisite

- Students will complete each class in order from Intro to Collision Repair, Non Structural Collision Repair Technology, Automotive Painting and Refinishing. If Transportation is your program of study, you must pass all 3 transportation classes in order to graduate.

General Education/High School Pathway Area

- * Students completing the Automotive Collision Repair program of study will be eligible to take the examination for Automotive Student Excellence (ASE) Student Certification in Collision Repair. Some tasks are assigned a "High Priority (HP)" designation. NATEF accredited programs must include at least 95% of the HP-I (Individual) tasks and 90% of the HP-G (Group) tasks in the curriculum.

Textbook & Course Materials**Required Text**

- *Auto Body Repair Technology, 7th Edition, James E Duffy. ISBN#10: 1-4180-7353-9

Recommended Texts & Other Readings or Resources

- I-CAR Academy Curriculum

Course Requirements

- Internet connection (DSL, LAN, or cable connection desirable)
- Access to /Web site/Other
- Pencil, Paper

Course Structure

*The class will be delivered by lecture, discussion, activity, lab-based, test, groups, homework, and classwork.

Part 2: Student Learning Outcomes

*Expected student learning outcome for this course. The student learning outcomes for each course can be found in the Tennessee State Standards, course pacing guide, and other resources pertaining to your course. These can be found on TN. Gov under Academic Standards.

A bulleted list is a good way to display these objectives as shown below:

- * Surface Preparation
- * Spray Gun and Related Equipment Operation
- * Paint Mixing, Matching, and Applying

You will meet the objectives listed above through a combination of the following activities in this course:

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Most objectives will be met through 1) Classwork, 2) Homework, 3) Test,) 4 Groups. Students will be provided dates to complete assignments. If a student is absent and it is excused the student will be allowed 3 days to make up any missed work.

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Part 3: Topic Outline/Schedule

Semester 1

Week	Topic	Readings/ Resources	Activities	Due Date
1	Safety	ICAR/ Textbook	Test	Aug.
2	Safety	Lecture	Notes	Aug.
3	Safety/Test	Lecture	Notes	Aug.
4	State Laws	Lecture	Notes	Aug.
5	Ref. Plan	Lecture	Notes	Sept.
6	Ref. Plan	Lecture	Notes	Sept.
7	Ref. Plan	Lecture	Notes	Sept.
8	Strip Paint	Lecture	Notes	Sept.
9	Dry and Wet Sand	Lecture	Notes	Sept.
10	Featheredging	Lecture	Notes	Oct.
11	Primering	Lecture	Notes	Oct.
12	Masking	Lecture	Notes	Oct.
13	Sanding	Lecture	Notes	Nov.
14	Paint Defects	Lecture	Notes	Nov.
15	Curing	Lecture	Notes	Nov.
16	Detailing	Lecture	Notes	Dec.
17	Review	Lecture	Notes	Dec.
18	Sem. Exam	Lecture	Notes	Dec.

Semester 2

Week	Topic	Readings/ Resources	Activities	Due Date
1	Safety	ICAR/ Textbook	Test	Jan
2	Safety	Lecture	Notes	Jan
3	Safety/Test	Lecture	Notes	Jan
4	State Laws	Lecture	Notes	Jan

Week	Topic	Readings/ Resources	Activities	Due Date
5	Ref. Plan	Lecture	Notes	Feb.
6	Ref. Plan	Lecture	Notes	Feb.
7	Ref. Plan	Lecture	Notes	Feb.
8	Strip Paint	Lecture	Notes	Feb.
9	Dry and Wet Sand	Lecture	Notes	Mar.
10	Featheredging	Lecture	Notes	Mar.
11	Primering	Lecture	Notes	Mar.
12	Masking	Lecture	Notes	April
13	Sanding	Lecture	Notes	April
14	Paint Defects	Lecture	Notes	April
15	Curing	Lecture	Notes	May
16	Detailing	Lecture	Notes	May
17	Review	Lecture	Notes	May
18	Sem. Exam	Lecture	Notes	May

***Calendar/Schedule:** The class schedule maybe subject to change if school is cancelled due to snow or any unforeseen circumstances such as school scheduling which may arise during the school year. If you have any questions pertaining to the schedule you may reach the instructor with the above email for further questions.

This class has a semester exam.

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Part 4: Grading Policy

Graded Course Activities

Assignments for details about each assignment listed below.

1st 9 Weeks	
Points	Description
*#100%	*Homework, Classwork, Test, Groups, Absenteeism, Projects will determine students grade.
2nd 9 Weeks	
Points	Description
*#100%	*Homework, Classwork, Test, Groups, Absenteeism, Projects will determine students grade.
3rd 9 Weeks	
Points	Description
*#100%	*Homework, Classwork, Test, Groups, Absenteeism, Projects will determine students grade.
4th 9 Weeks	
Points	Description
*#100%	*Homework, Classwork, Test, Groups, Absenteeism, Projects will determine students grade.

Late Work Policy

***Example:** Be sure to pay close attention to deadlines—there will be no make up assignments or quizzes, or late work accepted without a

serious and compelling reason and instructor approval.

Viewing Grades in ASPEN (optional)

Points you receive for graded activities will be posted to the ASPEN Grade Book. Click on the My Grades link on the left navigation to view your points.

*Your instructor will update the online grades each time a grading session has been complete—typically 3 days following the completion of an activity. You will see a visual indication of new grades posted on your ASPEN home page under the link to this course.

Letter Grade Assignment

*Final grades assigned for this course will be based on the percentage of total points earned and are assigned as follows:

100%-Grades are averaged pertaining to assignments turned in to the instructor.

Grading Scale:

A = 90 -100

B = 80 - 89

C = 70 – 79

D = 60 – 69

F = 0 – 59

I = Incomplete

X = No Credit

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Part 5: Course Policies

Attend Class

Students are expected to attend all class sessions as listed on the course calendar.

- If a student has chronic absenteeism it may affect their grades. If a student has an excused absence, he/she will be allowed to make up their work.

Participate

- Students score participation will be monitored by the work they turn in; grades will be posted to the ASPEN account for all assignments graded.

Build Rapport

If you find that you have any trouble keeping up with assignments or other aspects of the course, make sure you let your instructor know as early as possible. As you will find, building rapport and effective relationships are key to becoming an effective professional. Make sure that you are proactive in informing your instructor when difficulties arise during the semester so that they can help you find a solution.

Complete Assignments

Assignments must be submitted by the given deadline or special permission must be requested from instructor *before the due date*. Extensions will not be given beyond the next assignment except under extreme circumstances. Late or missing discussion assignments will effect the student's grade.

Incomplete Policy

Under emergency/special circumstances, students may petition for an incomplete grade. An incomplete will only be assigned upon approval by the principal and timeframe will be determined.

Academic Dishonesty Policy

This is an example:

1. Academic dishonesty includes such things as cheating, inventing false information or citations, plagiarism and helping someone else commit an act of academic dishonesty. It usually involves an attempt by a student to show possession of a level of knowledge or skill that he/she does not possess.
2. Course instructors have the initial responsibility for detecting and dealing with academic dishonesty. Instructors who believe that an act of academic dishonesty has occurred are obligated to discuss the matter with the student(s) involved. Instructors should possess reasonable evidence of academic dishonesty. However, if circumstances prevent consultation with student(s), instructors may take whatever action (subject to student appeal) they deem appropriate.
3. Instructors who are convinced by the evidence that a student is guilty of academic dishonesty shall assign an appropriate academic penalty. If the instructors believe that the academic dishonesty reflects on the student's academic performance or the academic integrity in a course, the student's grade should be adversely affected. Suggested guidelines for appropriate actions are: an oral reprimand in cases where there is reasonable doubt that the student knew his/her action constituted academic dishonesty; a failing grade on the particular paper, project or examination where the act of dishonesty was unpremeditated, or where there were significant mitigating circumstances; a failing grade in the course where the dishonesty was premeditated or planned. The instructors will file incident reports with the Vice Presidents for Academic Affairs and for Student Affairs or their designees. These reports shall include a description of the alleged incident of academic dishonesty, any relevant documentation, and any recommendations for action that he/she deems appropriate.

Student Testing Code of Ethics and Security

It is important for you as a student to know that the following guidelines are to be strictly followed. This year the TNReady EOC test will count at least 15% of your final semester grade. Your work on this test is very important and it deserves your best effort.

I understand that during testing on the days of the assessment, I am responsible for:

- Not having any electronic devices on me or in my purse/backpack/pockets
 - Including but not limited to cell phones, smart phones, smart watches, etc. **during testing or during breaks.**
 - Best practice is for students to leave devices at home or in their lockers on the day of testing.
 - If I am caught with a device during testing or during breaks, my test may be nullified, resulting in a zero as at least 15% of my semester grade, and any school level disciplinary action as deemed appropriate by the administration.
- Trying my best on the test
 - If I do not attempt to test (I give **no answers or randomly answer** questions) my test score may be nullified, resulting in a zero as at least 15% of my semester grade, and any school level disciplinary action as deemed appropriate by the administration.
 - The testing administrators and proctors in the testing environment will determine if no answers or random answering is taking place.
 - I will focus and put forth effort on the test.
- Being honest and not cheating
 - If I am caught cheating (taking pictures of the test, writing down and passing answers, talking to other students, looking on other computers, using software outside the testing platform), my test may be nullified, resulting in a zero as at least 15% of my semester grade, and any school level disciplinary action as deemed appropriate by the administration.