

Academy for Career & Technology Course Syllabus

Auto Collision Repair II

Prerequisite: ACR I

Instructor: Eric Lee (ASE-Certified Master Collision Repair Technician/Estimator)

Email: ELee@marion.k12.sc.us

Phone: (843)423-1941

1st Block: 8:20–11am

Conference Availability: 3pm(Mon-Thurs) **Must Be Scheduled**

Course Description:

Based on South Carolina Career and Technology Standards and ASE Guidelines, **Auto Collision Repair II** prepares students to repair automobiles and light commercial vehicles under the supervision of an ASE Master Collision Repair Technician/Estimator. Automotive Collision Repair Technology students receive instruction in frame alignment, surface finishing, and shop management. Upon successful completion of the program, the student will be prepared for postsecondary education and entry-level automotive collision repair-related careers. First year students will spend approximately 60% of instructional time in “Hands-On” practice. Students will perform repairs on panels, simulators, & automobiles based on previous classroom theory with instructor present.

Course Objectives:

Given the necessary equipment, materials, and instruction, students upon completion of the prescribed course of study, will successfully accomplish the S.C. Department of Education’s CATE core competencies. Students must complete a minimum four-unit sequence of CATE courses in order to be completers of the Automotive Collision Repair Technology program.

Text:

ICAR PDP Series

ASE Collision Repair Study Guide(Delmar Cengage Learning)

Collision Repair & Refinishing(Alfred Thomas)

Grading scale:

Scale: A = 90-100 B = 80-89 C = 70-79 D = 60-69 F = 0-59

A.C.R. II = 2units

Nine Week Grading

Major Assessments	40%
Formative Assessments	30%
Homework/Classwork	20%
Journals	10%

Final Semester Grading

(2)Nine Weeks Grades	80%
Final Exam	20%

*** All makeup work must be arranged by student within 5 school days per district policy ***

Course Outline:

3rd Nine weeks Safety/ Collision Repair Intro

Online Course Work :

ICAR

IRT00e Intro to Industry Repair Terms
IMT01e Intro to Mechanical Systems Terminology - Part 1
IMT02e Intro to Mechanical Systems Terminology - Part 2
IMV00e Intro to Mechanical Repair Terms and Vehicle Protection
IRC01e Intro to Refinishing and Corrosion Protection - Part 1
IRC02e Intro to Refinishing and Corrosion Protection - Part 2
HAP01e Hazardous Airborne Pollutant Reduction
HWD01e Hazardous Material Storage and Disposal

Key Instruction Points

Masking/Taping
Paint spray equipment and proper application
Paint mixing
Bottom/Topcoat application

4th Nine Weeks Paint & Refinishing(B2)

Online Course Work :

ICAR

REF01e Refinishing Equipment
REF02e Surface Preparation and Masking
TRM02e Removing and Installing Hardware Interior Trim
TRM03e Removing and Installing Exterior Trim, Pinstripes, and Decals
GE010E01 Vehicle Construction Material Types
EXT03e Bolted-On Exterior Panels - Part 1
EXT04e Bolted-On Exterior Panels - Part 2
LSC04e Automotive Lighting

Key Instruction Points

Paint problem identification
Paint problem correction
Detail/Deliver to customer

* Periodically throughout the semester, students will have the opportunity to work on live repairs as it fits course work.

* All instruction is subject to change