

Common Course Outline
AUCR 100
Fundamentals of Collision Repair and Safety
4 Semester Hours

The Community College of Baltimore County

Description

AUCR 100 – 4 Credits - Fundamentals of Collision Repair and Safety

instructs students in collision repair shop operations and safety. The course will emphasize the study of procedures, methods, and operations, which are specific and unique to the collision repair industry. Emphasis will also be placed on the study of current trends emerging in the collision repair industry

4 Credits: 3 Lecture hours per week; 3 Laboratory hours per week

Prerequisite(s): ENGL 052 or LVE 2 and RDNG 052 or LVR 2 and MATH 0832 or LVM 2

Overall Course Objectives

Upon completion of this course the student will be able to:

1. Safely remove exterior and interior trim;
2. Replace exterior and interior trim;
3. Identify and take necessary precautions with hazardous operations;
4. Identify hazardous materials according to EPA, state and local regulations;
5. Take necessary precautions with hazardous materials according to EPA, state and local regulations;
6. Identify personal health and safety hazards;
7. Identify automobile framed vehicles;
8. Identify automobile unibody construction vehicles;
9. Identify automotive collision repair tools;
10. Using industry accepted procedures, identify vehicle repairs;
11. Using industry accepted procedures, write damage appraisal sheet or estimate;
12. Identify equipment utilized in a collision repair facility;
13. Identify equipment use; and
14. Identify vehicle collision repairs.

Major Topics

- I. Automobile construction
- II. Automotive collision repair tools and equipment
- III. Damage appraisal
- IV. Collision repair safety

- V. EPA, state and local regulations;
- VI. Personal health and safety hazards

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member and will be provided on the first day of class. A student can expect a minimum of eight grades from the following categories:

1. Quizzes
2. Lab projects
3. Written paper
4. Homework assignments
5. Midterm exam
6. Class participation
7. Comprehensive final

Writing: The individual faculty member will determine specific writing assignments.

Other Course Information

This course is a Collision repair core course.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

(8) Date Revised: 10/17/2005