Course Information Form (CIF)

Course Code: ACR 135

Course Title: Collision Repair: Glass, Plastic, and Trim

Department: Applied Sciences and Technologies
PCS Code: 1.2 - Occupational/Technical Instruction
CIP Code: 47.0603
Repeatability: 0

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 2-2-3
Credit Hour Distribution:

Lecture: 2	Lab: 2	Clinical: 0	**Total: 3**

General Course Information

Catalog Description

Collision repair moveable glass replacement and adjustment, stationary glass removal, and adhesive selection and installation. Plastic body panel and bumper cover removal, alignment, and installation. Plastic repair procedures. Exterior and interior trim removal and replacement. Fasteners, clips, hardware, and adhesives inspection, selection, and use.

General Course Objectives

This course covers many of the general collision repair procedures such as glass repair and plastic repairs.

Minimum Placement Levels

English	Reading	Math
Placement into ENG 098	Placement into CCS 098	Placement into MAT 059

Prerequisites

Credit in ACR 110

Methods of Evaluation

5 written tests, 8 graded assignments, 8 graded lab exercises, and 2 practical exams.

Instructional Materials and Additional Supplies

Auto Collision Repair and Refinishing, Michael Crandell

Course Content

General Learning Outcomes (GLOs)

- Technology: Students will demonstrate the ability to evaluate, select, and appropriately use current and emerging tools.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Repair Plan Review	1. Review and study typical glass and plastic repair plans. 2. Use OEM service information for procedures, tool selection, and industry standard repair times.	2	0	0
Glass and Related Hardware	1. Utilize computers to research data online from OEM sources to determine the procedures for the repair and replacement of glass and hardware. 2. Remove, reinstall, and adjust movable door glass. 3. Remove and reinstall hinged door glass. 4. Identify air and water leaks. 5. Repair, remove, and replace convertible tops. 6. Select and demonstrate the use of glass removal tools. 7. Remove stationary glass. 8. Install stationary glass using full and partial cutout methods.	9	10	0
Interior and Exterior Trim	1. Utilize computers to research data online from OEM sources to determine the procedures for the repair and replacement of trim and hardware. 2. Demonstrate the use of trim removal tools. 3. Remove and reinstall interior door trim panels. 4. Inspect door lock and handle assemblies. 5. Remove and reinstall exterior trim and moldings.	9	10	0
Plastic Repair Procedures	1. Utilize computers to research data online from OEM sources to determine the procedures for the repair and replacement of plastic components. 2. Explain plastic welding methods, tools, and materials. 3. Inspect surfaces for plastic welding. 4. Repair interior and exterior plastics by the use of 2-part epoxies as per industry standards.	8	8	0
Fasteners, Hardware, and Adhesives	1. Demonstrate the ability to use OEM service information to determine how to remove, inspect, and replace hardware and fasteners. 2. Demonstrate how to remove adhesive film and select new adhesive for installation.	2	2	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
30	30	0