

AUTOMOTIVE COLLISION REPAIR: AUTOMOTIVE REFINISHING (CERT)

CERTIFICATE OF ACHIEVEMENT

The Automotive Refinishing Certificate prepares the student for entry into the automotive refinishing industry. Panel preparation, masking, primers, color systems and application, spot repair, panel and complete refinishing and minor dent repair are included in the course of study. Also covered in the course is hand and power tool, spray equipment and related safety concerns for the technician. Spatial intelligence, cognitive ability and hand-eye coordination are recommended for those entering the program.

Program Student Learning Outcomes

- Students will demonstrate proper trouble-shooting techniques to solve refinishing problems and defects including the causes and cures for each.
- Students will demonstrate safe practices regarding personal, environmental, and facility in the handling, use and disposal of hazardous materials.
- Students will demonstrate the skills required for entry level positions in automotive refinishing.
- Students will identify glamour and specialty finishes and describe methods for their duplication in automotive paint application.
- Students will properly assemble, set up, adjust, and spray automotive paints with a compliant professional spray gun.
- Students will properly clean, mask, block sand, and apply primer to repaired panels to industry standards.
- Students will properly mix and apply primers, under-coats, base-coats, and clear-coats to properly prepared panels.

Program Requirements

Code Number	Course Title	Units
Required Core Courses		
AB 151	Non-Structural Repair	4.5
AB 181	Non-Structural Damage Estimating	3.0
Required Electives		
AB 161	Preparation and Spot Refinishing	3.0
AB 161L	Automotive Refinishing Lab	1.5
AB 163	Production Refinishing	4.5
AB 165	Mix and Adjusting Color	2.0
Total Units		18.5