

# AUTOMOTIVE COLLISION REPAIR: AUTOMOTIVE MULTI- COAT AND CUSTOM PAINT (CERT)

AB 164	Automotive Air Brush Painting	2.5
AB 166	Lettering, Striping and Design	2.5
AB 167	Automotive Custom Painting	2.0
AB 181	Non-Structural Damage Estimating	3.0
<b>Total Units</b>		<b>23.5</b>

## CERTIFICATE OF ACHIEVEMENT

The Automotive Refinishing Multi-coat and Custom Paint Certificate continues the course of study beyond the entry level certificate. Two and three stage OEM finishes along with custom applications of pearl, mica and candy refinishing processes are delivered within the course of study. Lettering, striping and graphic design are included within the content of the certificate. The course of study is designed around the advancement of skills and knowledge obtained within the Automotive Refinishing Certificate.

## 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 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 describe concepts used in layout of graphic design in automotive applications.
  - Students properly mix and apply paint sprayed by air brush and provide proper top-coating to preserve and maintain applied artwork.
- Describe concepts used in layout of graphic design in automotive applications.
- Students properly mix and apply accessory paint as stripes, letters, graphic design, and special effects.
- Students use appropriate terminology and identify and select appropriate tools and materials used in custom painting.
- Students identify and select appropriate processes and materials for custom paint application of pearls and candies.
- Students demonstrate appropriate techniques used to create custom paint effects on automobiles.
- Students apply custom clear coat finishes to automobiles.
- Students color-sand and polish clear-coats to a custom, mirror-like finish.

## Program Requirements

Code Number	Course Title	Units
<b>Required Courses</b>		
AB 151	Non-Structural Repair	4.5
AB 161	Preparation and Spot Refinishing	3.0
<b>Required Electives</b>		
AB 161L	Automotive Refinishing Lab	1.5
AB 162	Overall And Multi-Coat Refinishing	4.5