

# CUSTOM AUTO BODY FABRICATION AND CHASSIS DESIGN (ADVANCED CERTIFICATE)

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**Catalog Effective Term:** Fall 2024

**Program Code:** CVABFC

**Credential:** Advanced Certificate

*High Demand Occupation, High Wage Occupation*

The Custom Auto Body Fabrication and Chassis Design certificate focuses on advanced body and paint techniques used to customize automobiles and turn them into "rolling showpieces." Students will expand on knowledge acquired in the Auto Body Repair program. Working in teams, students will build, complete and show a project vehicle. Students will learn advanced sheet metal fabrication and construction of a custom automobile chassis. Areas of study will include various types of building materials and their uses, measurement, pattern development, mechanical drawing, fastener selection, MIG and TIG welding and frame design and suspension types. Other topics such as candies, pearls, tri-stage paint jobs and the application of custom graphics will be discussed. Upon acquiring this advanced certificate, employment possibilities may include specialty shop technician, custom paint technician and metal fabricator/welder.

**Minimum Credits Required for the Program: 16**

Code	Title	Credits
<b>Major/Area Requirements</b>		
CCC 210	Custom Auto Body Technician I	4
CCC 215	Custom Fabrication and Chassis Design I	4
CCC 250	Custom Auto Body Technician II	4
CCC 255	Custom Fabrication and Chassis Design II	4
<b>Total Credits</b>		<b>16</b>