

Course Objectives/Course Outline
Spokane Community College

Course Title: Intermediate Major Panel Replacement Applications

Prefix and Course Number: ABF 253

Course Learning Outcomes:

By the end of this course, a student should be able to:

- Perform a variety of welding techniques
- Apply chemical adhesive bonding
- Patch and repair rust spots
- Replace and align a variety of car components
- Make alignment corrections

Course Outline:

- I. Repair Techniques
 - A. Chemical Adhesive Bonding Techniques
 - B. Plastic Welding
 - C. Hot-air Plastic Welding
 - D. Airless Plastic Welding
 - E. Proper Welding Techniques
- II. Alignment Corrections
 - A. Front End Damage
 - B. Rear End Damage
 - C. Aide Damage Aligning
- III. Replacement Procedures
 - A. Part Removal
 - B. Preparations
 - C. Positioning of New Parts
 - D. Welding/Bolting
- IV. Other Repairs
 - A. Patching
 - B. Rust Repair