

**Course Objectives/Course Outline**  
**Spokane Community College**

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**Course Title:** Major Panel Replacement

**Prefix and Course Number:** ABF 127

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**Course Learning Outcomes:**

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

- Repair plastics properly on a vehicle
- Analyze and determine proper straightening and realignment techniques
- Perform proper replacement procedures of structural components of vehicle

**Course Outline:**

- I. Plastics
  - A. Use
  - B. Types
  - C. Repair Methods
- II. Body Alignment
  - A. Straightening Equipment
  - B. Straightening Systems
  - C. Straightening Accessories
  - D. Straightening and Alignment Techniques
  - E. Safety Considerations
- III. Replacement Procedures
  - A. Removing Structural Panels
  - B. Determining Spot Welding Positions
  - C. Replacement Panel Preparation
  - D. Sectioning Preparation
- IV. Other Repairs
  - A. Patching
  - B. Rust Repair