

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

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**Course Title:** Basic Metal Straightening and Panel Alignment

**Prefix and Course Number:** ABF 215

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**Course Learning Outcomes:**

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

- Demonstrate the basic properties of metals
- Demonstrate and understanding of the order and basic techniques of metal correction
- Demonstrate the dissipation and distribution of collision energy through a vehicle body
- Demonstrate the understanding of the order and basic procedures of panel alignment

**Course Outline:**

- I.
  - A. Diagnosing collision damage
  - B. Impact effects on a vehicle
  - C. Panel alignment techniques
  - D. Panel Striating and dent removal equipment
- II. Plastics
  - A. Types of plastic
  - B. Plastic repair procedures
  - C. Chemical adhesive bonding
- III. Related Repairs
  - A. Glass replacement
  - B. Window glass service
  - C. Lock and latch service
  - D. Air and water leaks
  - E. Lighting service
  - F. Molding and trim replacement
  - G. Corrosion Protection