

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

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**Course Title: Interior and Exterior Surface Preparation**

**Prefix and Course Number: ABF 138**

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**Course Learning Outcomes:**

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

- recognize surface defects that require surface preparation.
- select the correct abrasive and sanding techniques for specific sanding operations.
- prepare existing paint films and bare metal substrates for refinishing.
- determine when to apply a primer, a primer sealer, a primer surface, or glazing putty.

**Course Outline:**

- I. Primers
  - A. Epoxy
  - B. Zinc Chromate
  - C. Zinc Weld-Through
  - D. Vinyl-Wash
  - E. Chip Resistant
  - F. Plastic
  - G. Mid Coat
- II. Primer-Surfacers
  - A. Properties
  - B. Nitrocellulose Lacquer
  - C. Acrylic Lacquer
  - D. Alkyd or Synthetic Enamel
  - E. Self-Etching
  - F. Acrylic Urethane
- III. Primer Sealers
  - A. Function
  - B. Enamel Reducer
- IV. Sealers
  - A. Functions
  - B. Characteristics
  - C. Application Rules
- V. Anticorrosion Compounds
  - A. Functions
  - B. Surfaces
- VI. Putties and Body Fillers
  - A. Polyester Putty
  - B. Lacquer Type Putty
- VII. Miscellaneous Equipment
  - A. Sandpapers
  - B. Masking Papers
  - C. Tapes