

Course Objectives/Course Outline
Spokane Community College

Course Title: Fundamentals of Shop Procedures

Prefix and Course Number: ABF 126

Course Learning Outcomes:

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

- Maintain hydraulic equipment
- Use corrosion proofing techniques
- Use various types of welding procedures
- Estimate vehicle damage

Course Outline:

- I. Safety
 - A. Shop Safety Procedures
 - B. Tool Safety
- II. Equipment
 - A. Function
 - B. Care and Maintenance
- III. Hydraulic Equipment
 - A. Maintenance Procedures
 - B. Hoses
 - C. Lifts
 - D. Tools
- IV. Corrosion Proofing
 - A. Anticorrosion Compound
 - B. Body Sealer
 - C. Antirust Agents
- V. Welding
 - A. Wire Feed
 - B. Wire Feed Spot
 - C. Plasma Torch
 - D. Resistance Spot Welding
 - E. Plastic
- VI. Attaching Equipment
 - A. Bolts
 - B. Clips
 - C. Adhesives

VII. Estimating

- A. Estimating Aids
- B. Microfilm and Computer Estimating Aids
- C. Estimating Sequence
- D. Repair Orders
- E. Repairability
- F. Parts Prices
- G. Labor Costs