

Course Objectives/Course Outline
Spokane Community College

Course Title: Introduction to Industrial Safety and Hygiene

Prefix and Course Number: ABF 133

Course Learning Outcomes:

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

- Describe safety practices to avoid fire and explosion
- Describe control measures used when working with air contaminants and other hazardous substances
- Practice safety procedures in the shop lab
- Operate tools and equipment safely

Course Outline:

- I. Personal Safety and Health Protection
 - A. Air Passages and Lungs
 - B. Head Protection
 - C. Hand and Foot Protection
- II. Environmental Controls
 - A. Ventilation
 - B. Carbon Monoxide
 - C. Solvents
 - D. Lead and Dust
- III. Working with Solvents and Other Flammable Liquids
 - A. Storage
 - B. Noxious Fumes
 - C. Cleaning
 - D. Fire Protection
- IV. Protective Equipment
 - A. Respirators
 - B. Dust Masks
- V. Hand and Power Tool Operation
 - A. Air Sanders
 - B. Compressors
 - C. Spray Guns
 - D. Buffers
 - E. Polishers