

Course Objectives/Course Outline
Spokane Community College

Course Title: Sheet Metal Layout and Fabrication

Prefix and Course Number: AIRC 125

Course Learning Outcomes:

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

- use terminology common to the sheet metal industry
- fabricate sheet metal duct fittings using various seams and locks
- use tools and equipment in a safe manner
- develop and follow appropriate safety practices when working in a sheet metal shop or job site
- fabricate light gauge duct fittings
- assemble and hang a duct run installation

Course Outline:

- I. Basic Sheet Metal Practices
 - A. Terminology
 - B. Hand Tools
 - C. Materials
 - D. Shop Equipment
 - E. Drafting
- II. Sheet Metal Applications
 - A. Shop Equipment Use
 - B. Seams and Locks
 - C. Fabrication
 - D. Duct Hanging