

Course Objectives/Course Outline
Spokane Community College

Course Title: Arc Welding

Prefix and Course Number: AGGEN 157

Course Learning Outcomes:

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

- select proper arc welding equipment for a given assignment
- set up and use arc welding equipment
- recognize quality workmanship in an arc weld
- weld mild steel with arc welding equipment in the flat, horizontal and vertical positions
- select arc welding rods for a variety of uses

Course Outline

- I. Introduction to Arc Welding
 - A. Uses
 - B. Safety
 - C. Equipment
- II. Arc Welding electrode Selection
- III. Welding Mild Steel
 - A. Flat
 - B. Horizontal
 - C. Vertical