

Print Date: 7/31/14
Course Objectives/Course Outline
Spokane Community College

Course Title: Advanced Shielded Metal Arc Welding Theory

Prefix and Course Number: WELD 124

Course Learning Outcomes:

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

- Understand Shielded Metal Arc Welding Theory

Course Outline:

- I. Advanced Introduction
 - A. Shielded Metal Arc welding theory
 - B. Safety and positions
 - C. Equipment setup
 - D. Striking an arc
 - E. Cutting operations
 - F. Welding
 - G. Metallurgy
 - H. Electrode classifications
 - I. Uses of Carbon and Alloy steels