



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Shielded Metal Arc Welding

Course Number: PIP230

Required Materials

Textbook(s): Custom

Required Readings:

Additional Materials:

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Introduction and Safety
2	Welding Fundamentals
3	Flat Position Welding
4	Fillet Welds in Flat Position
5	Horizontal Position Welding
6	Vertical Position Welding
7	Overhead Position Welding
8	Mid-term
9	Advanced Electrode
10	Welding Defects and Troubleshooting
11	Multi-Pass Welding
12	Welding Codes and Standards
13	Pipe Welding Basics
14	Project Work
15	Final Project Completion
16	Final Exam and Certification Prep