



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Metal Inert Gas Welding

Course Number: PIP235

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	Orientation and Safety
2	Equipment Basics
3	Welding Fundamentals
4	Welding Positions – Flat and Horizontal
5	Welding Positions – Vertical
6	Welding Positions - Overhead
7	Advanced Joint Types, Mid-term lab
8	Metal Preparation & Cleaning
9	Troubleshooting & Quality Control
10	Welding Symbols & Blueprint Reading
11	Specialty Techniques
12	Production Welding
13	Testing & Certification Prep
14	Final Projects
15	Weld Evaluation & Feedback
16	Final Test