



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Safety, Fittings, and Introduction to Code

Course Number: PIP195

Required Materials

Textbook(s): Custom - Pipe Fittings, Valves, Supports, and Fasteners

Required Readings: OSHA Regulations

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 Foundations
2	OSHA Standards for Pipefitting Work
3	Pipe Materials and Identification
4	Threaded Fittings and Connections
5	Welded, Flanged, & Speciality Fittings
6	Valves: Introduction and Classifications
7	Valve Types in Detail
8	Midterm Review and Midterm Assessment
9	Pipe Supports & Hangers
10	Anchors, Guides & Thermal Expansion
11	Fasteners: Bolts, Nuts, Studs & Torque
12	Gaskets and Sealing Methods
13	System Layout and Blueprint Reading
14	Applied Lab: Assembly Project
15	Lab Completion and Review
16	Final Written and Practical Exam