



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Hydronic Heating and Cooling, Piping and Stainless Fitter for Semiconductor Construction  
**Course Number:** UPP111

### Required Materials

**Textbook(s):** Hydronic Heating and Cooling (Custom UA Text), UA tube bending manual  
**Required Readings:** None  
**Additional Materials:** IPT Pipefitters Manual

### 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	Hydronic Heating and Cooling Ch 1-2/ in class assignment
2	Hydronic Heating and Cooling Ch 1-2/ in class assignment
3	Hydronic Heating and Cooling Ch 3-4/ in class assignment
4	Hydronic Heating and Cooling Ch 3-4/ in class assignment
5	Lab assignment 1
6	Lab assignment 1
7	Hydronic Heating and Cooling Ch 5/ Lab Assignment 2
8	Lab Assignment 2
9	Lab Project 1
10	Lab Project 1
11	Hydronic Heating and Cooling Ch 5/ IPT Fitters Manual
12	Hydronic Heating and Cooling Ch 5/ IPT Fitters Manual/test
13	Final Lab Project
14	Final Lab Project
15	Final Lab Project
16	UA Tube Bending Manual/ review and lab project 1
17	Lab Project 2
18	Lab Project 3
19	Final Lab Practical