



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Backflow and Medical Gas

Course Number: PIP190

Required Materials

Textbook(s): Backflow Book, NFPA 99

Required Readings:

Additional Materials: None

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 to Backflow Production Pages 1-25
2	Types of Backflow Preventers Pages 26-50
3	Test Procedures and Assemblies Pages 51-75
4	Advanced Backflow Applications Pages 75-100
5	Intro to Lab
6	Device Testing Practice
7	Troubleshooting Lab
8	Backflow Written and Practical Test – Mid-term
9	Introduction to Medical Gas Systems
10	Central Supply Systems
11	Medical Air and Vacuum Systems
12	Piping Installation Requirements
13	Outlets, Inlets, and Zone Controls
14	Maintenance and Inspection Procedures
15	Comprehensive Review
16	Final Written and Skills Test