



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Chiller Operations
Course Number: HVC238

Required Materials

Textbook(s): Helical - Rotary Water Chillers TGR-TRC012-EN , Centrifugal Water Chillers TRG-TRC010-EN
 Chilled Water Systems TRG – TRCO

Required Readings: None

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 Chilled Water Systems
2	Helical-Rotary Chillers Section 1-4
3	Helial-Rotary Chillers 5-6
4	Exam 1, Introduction to Certrifugal Chillers
5	Certrifugal Chiller Section 1-4
6	Centrifungal chillers Section 4-5
7	Centrifungal chillers Section 5-6, review
8	Exam 2, Introduction to Chilled Water Piping
9	Chilled Water Systems section 1-2
10	Chilled Water Systems Section 2-3
11	Chiiled Water Systems Section 3
12	Chilled Water Systems Section 4
13	Chilled Water Systems Section 4
14	Exam 3, Chiller Control Sysems
15	Chilled Control Systems, Course Review
16	Review and Final