



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Sustainable Building Service Systems
Course Number: CET225

Required Materials

Textbook(s): Mechanical and Electrical Equipment for Buildings – 13th Edition by Walter T. Gondzik
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	Chapters 1,2,3-Intro to Sustainable Building
2	Chapters 5, 15-LEED and Cost Implications
3	Chapters 8, 10-Sites, Location &Transportation (SS<)
4	Chapters 8,10-Hydrology and Stormwater (SS)
5	Chapters 8, 10-Hydrology Calculations (SS)
6	EXAM #1 (20%)
7	Chapter 10-Water Supply and Water Efficiency (WE)
8	Chapter 10-Waste Water and Drainage (WE)
9	Chapter 9-Heat Loss, Insulation, Energy Efficiency (EA)
10	Chapter 9-HVAC
11	EXAM #2 (20%)
12	Chapter 9-Renewable Energy and Power (EA)
13	Chapter 13-Daylighting and Indoor Enviro Quality (EQ)
14	Chapter 11-Material Usage and Recyclability (MR)
15	Review and EXAM #3 released
16	Exam #3 (20%) Deadline