



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Building Code Applications
Course Number: CET239

Required Materials

Textbook(s): Online code links:
RCO: [2019 Residential Code of Ohio | ICC Digital Codes \(iccsafe.org\)](https://www.iccsafe.org/resources/codes/2019-residential-code-of-ohio/)
OBC: [2011 Ohio Building Code, January 2017 Updates | ICC Digital Codes \(iccsafe.org\)](https://www.iccsafe.org/resources/codes/2011-ohio-building-code-january-2017-updates/)

Required Readings: None
Additional Materials: Scientific Calculator
Engineering Scale
Architectural Scale

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 Builder Codes, R3-Residential Building Planning
2	R4-Residential Foundations, R5-Residential Floors
3	R5-Residential floors, R6-Residential Walls
4	R6-Residential Walls, R7-Residential Wall Coverings
5	R8-Residential Roof Coverings, R9-Residential Roof Assemblies
6	R10-Residential Chimneys and Fireplaces, R11-Residential Energy Efficiency
7	Introduction to the Commerical Code: The Ohio Building Code (OBS), Preface, Chapter 1- Administration, Chapter 2-Definitions
8-9	Mid-term Exam (House Plan Review)
10	Chapter 3 – Use of Occupancy Classification, Chapter 4 – Special Detailed Requirements, Chapter 5-General Building Heights and Areas
11	Chapter 6 – Types of Construction, Chapter 7 – Fire and Smoke, Chapter 8 – Interior Finishes, Chapter 9 – Fire Protection Systems
12	Chaoter 10 (Ten)-Means of Egress
13	Chapter 11 – Accessibility, Chapter 12-Interior Environment
14 & 15	Chapter 13-Energy Efficiency, Chapter 14-Exterior Walls, Chapter 15-Roof Assemblies and Rooftop Structures
16	The Other Codes
17	Final Exam