

ARCH A250: BUILDING CODES AND STANDARDS

Item	Value
Curriculum Committee Approval Date	12/08/2021
Top Code	020100 - Architecture and Architectural Technology
Units	2 Total Units
Hours	36 Total Hours (Lecture Hours 36)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S)

Course Description

Introduction to the codes and standards prevalent in the Southern California area. Concentration is on Title 24 and Americans With Disabilities Act regulations, and the Uniform Building Code and local enforcement as applied to building design. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Identify and apply Building Codes and Standards with respect to occupancy, area, construction type, fire resistance, exiting and accessibility to the design and construction of buildings.

Course Objectives

- 1. Recognize the political control by government of building development.
- 2. Interpret the basic objectives of the more common codes and standards.
- 3. Apply occupancy classifications and building area limitation requirements to buildings.
- 4. Apply type of construction and fire resistive classifications and requirements to buildings.
- 5. Apply exiting requirements to buildings.
- 6. Apply accessibility requirements to buildings.
- 7. Attend a local planning commission meeting and submit a report on what was observed.

Lecture Content

I. Survey of Codes and Standards
 a. Local ordinances and standards
 b. State ordinances and standards
 c. Federal ordinances and standards
 II. Environmental issues
 a. Applicable legislation
 b. Agencies
 c. Enforcement
 d. Environmental impact reports
 e. Permit procedures
 III. State Building Code
 a. Adoption of model code with amendments
 1. Administration
 2. Occupancy
 3. Building Limitations
 4. Types of construction
 5. Fire resistive construction
 6. Exiting
 IV. Accessibility Standards
 a. State Title 24 disabled access compliance
 b. Federal

ADA V. Relationship to other sections/disciplines of code VI. Visit/report on local Planning Commission meeting

Method(s) of Instruction

- Lecture (02)

Instructional Techniques

Guest speaker presentation; instructor lecture.

Reading Assignments

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Writing Assignments

Planning commission visit report.

Out-of-class Assignments

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Demonstration of Critical Thinking

Evaluation of quizzes; planning commission visit report.

Required Writing, Problem Solving, Skills Demonstration

Planning commission visit report.

Other Resources

1. 2007 California Building Code as published by ICC (revised every 3 years)