

**PALOMAR COLLEGE**  
**COURSE OUTLINE OF RECORD FOR**  
**DEGREE CREDIT COURSE**

  X   Transfer course      X   A.A. degree applicable course  
(check all that apply)

**COURSE NUMBER AND TITLE:** CI 100 Building Codes I

**UNIT VALUE:** 3

**MINIMUM NUMBER OF SEMESTER HOURS:** 48

**BASIC SKILLS REQUIREMENTS:** Appropriate language and computational skills.

**ENTRANCE REQUIREMENTS**

**PREREQUISITE:** None.

**COREQUISITE:** None.

**RECOMMENDED PREPARATION:** None.

**SCOPE OF COURSE:**

Introduction to building code requirements with an emphasis on minimum construction standards and code enforcement. Code requirements controlling the design, construction, quality of materials, use, occupancy and location of the all buildings are evaluated. Revisions to the Uniform Building Code are every three years.

**SPECIFIC COURSE OBJECTIVES:**

Students will be able to:

1. Evaluate different types of buildings and structures to determine the type of construction, maximum allowable area, occupancy requirements and fire-resistive standards.
2. Identify the proper code interpretations relating to the enforcement of the building code by municipal building inspectors.
3. Analyze the relationship between the design community and regulatory agencies relative to the public health and safety requirements of the building code.
4. Identify employment opportunities for building inspectors, code enforcement officials, private inspectors and development related positions offered by federal, state and local agencies.

## **CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:**

- I. Administration
  - A. Purpose and scope of the building code
  - B. Organization of the building department
  - C. Enforcement duties and agency responsibilities
  
- II. Special Use and Occupancy
  - A. Analyze specific requirements based on use
  - B. General building limitations
  - C. Types of buildings
  
- III. General Requirements
  - A. Fire resistance of building components
  - B. Interior finishes
  - C. Light, ventilation and sanitation requirements
  - D. Fire protective systems
  
- IV. Special Requirements
  - A. Accessibility - access for the disabled
  - B. Interior environment

## **REQUIRED READING:**

International Conference of Building Officials. Uniform Building Code (Volume 1). Whittier: International Conference of Building Officials, 1994.

## **SUGGESTED READING:**

Plan Review Manual.

## **REQUIRED WRITING:**

Students submit written responses, of at least one page in length, on examinations and other assignments to demonstrate their level of comprehension.

## **OUTSIDE ASSIGNMENTS:**

**Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.**

Read text materials, review course notes and study lecture materials to supplement the text. Prepare homework assignments.

## **INSTRUCTIONAL METHODOLOGY:**

### **Check all that apply:**

- lecture
- laboratory
- lecture-laboratory combination
- directed study

**This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.**

Yes \_\_\_\_\_ No X

**If yes, check all that apply.**

- \_\_\_\_\_ Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- \_\_\_\_\_ Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- \_\_\_\_\_ Two-Way Video Conferencing (Two-way interactive video and audio)
- \_\_\_\_\_ One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- \_\_\_\_\_ Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

**GRADING POLICY AND STANDARDS** (include methods of determining whether the stated objectives have been met by students):

10%	Participation/Homework	A = 100 - 92%
24%	Quizzes	B = 91 - 83%
43%	Midterm	C = 82 - 74%
<u>23%</u>	Final	D = 73 - 66%
100%		F = 65% and below

**IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?**

Yes X No \_\_\_\_\_ Number of times course may be taken for credit: 2

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable: 58161 (C) (2) (A)

**CONTACT PERSON:** Director, Vocational Programs, Ext. 2286

SIGNATURES ON FILE