

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: DT 216 Architectural Design Fundamentals II

UNIT VALUE: 5 **MINIMUM NUMBER OF SEMESTER HOURS:** 160

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills.

ENTRANCE REQUIREMENTS:

PREREQUISITE: None.

COREQUISITE: None.

RECOMMENDED PREPARATION: DT 215

SCOPE OF COURSE:

Complex architectural problems involving consideration of factors of structure, site, and climate.

SPECIFIC COURSE OBJECTIVES:

The student will be able to:

1. Prepare and present an architectural design that is responsible to climate and context.
2. Prepare and present an architectural design that is responsive to programmatic issue and constraints.
3. Create an architectural model whose structure is capable of resisting specified gravity and lateral loads.
4. Research, assemble, and deliver an oral presentation comparing related works by two well-known architects employing architectural terminology and analyzing design objectives and forms.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Cultural factors in architectural design
 - A. Context

- B. Regionalism
- C. Communication

- II. Construction factors in architectural design
 - A. Structure
 - B. Materials

- III. The Design Program
 - A. Basic theory and history
 - B. Architectural applications

REQUIRED READING:

Ching, Francis D. K. Architecture: Form, Space, and Order. Second Edition. New York: Van Nostrand Reinhold Company, 1996. Units 3-6.

SUGGESTED READING:

Current architectural periodicals.

REQUIRED WRITING:

Demonstration of skills in preparation of architectural design problems is more appropriate.

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.

Textbook readings and class handouts in preparation for class design problems.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

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

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

Yes No

If yes, check all that apply. (See guidelines for preparation for definitions.)

- telecourse
- mediated instruction

computer assisted instruction

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

A series of design problems will be assigned, and each drawing will receive a letter grade based on appropriateness of solution (75%) and presentation (25%).

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

 Yes X No

Number of times course may be taken for credit: 1.

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

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