

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 145 Architectural Delineation and Pictorial Drawing

UNIT VALUE: 4

MINIMUM NUMBER OF SEMESTER HOURS: 128

BASIC SKILLS REQUIREMENTS: Appropriate language and computational skills

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: DT 125 and DT 144

SCOPE OF COURSE:

Principles and techniques of pictorial drawing in architecture including isometric, oblique, and perspective projection; shades and shadows; and presentation graphics. The three dimensional and shading capabilities of AutoCAD will be utilized in coordination with the use of Photoshop software as a color rendering tool.

SPECIFIC COURSE OBJECTIVES:

The successful student will be able to:

1. Prepare various three-dimensional architectural drawings utilizing various paraline drawing formats.
2. Construct architectural perspective drawings using both "office" and "perspective-plan" systems.
3. Construct three-dimensional architectural drawings utilizing AutoCAD software in both paraline and perspective formats.
4. Apply shades and shadows to architectural drawings in orthographic, paraline, and perspective formats.
5. Create freehand architectural sketches that employ perspective, foliage, shades, and shadows.
6. Prepare a presentation-level architectural rendering that utilizes perspective, color, shades, and shadows, and includes foliage, vehicles, and humanistic elements, using Photoshop as the rendering tool.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Course defined in detail
 - A. Parallel Line Drawings
 1. Isometric
 2. Oblique
 3. Orthographic
 - B. Perspective Theory and Development
 1. Perspective Theory
 2. Two-Point Common Perspective Development
 3. Two-Point Plan Perspective Development
 4. One-Point Common Perspective Development
 - C. Shades and Shadows
 1. Shades and Shadows in Plan and Elevation
 2. Shades and Shadows in Perspective Drawings
 3. Shades and Shadows in Pictorial Drawings
 - D. Media and Techniques of Presentation Drawing
 1. Media
 - a. Review and application of various hand-applied media employed in architectural presentation
 - b. Application of Photoshop software as a color rendering tool
 2. Techniques of Presentation
 - a. Materials representation
 - b. Foliage Techniques
 - c. Humanistic elements
 - d. Foreground representation
 - e. Background representation
 - f. Use of color for depth, focus and interest
 3. Composition
 - a. Identifying objectives of each rendering
 - b. Selection of viewing angle and media
 - c. Study sketching

REQUIRED READING:

Ching, F.D.K. Architectural Graphics. Third Edition. New York: Van Nostrand Reinhold Company, 1996.

SUGGESTED READING: None

REQUIRED WRITING: Demonstration of skills in architectural presentation drawings more appropriate.

OUTSIDE ASSIGNMENTS:

A series of outside sketching assignments and textbook and class handout readings in preparation for drawing assignments and examination.

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.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

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

DISTANCE LEARNING:

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

Yes No

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):

- 65% Drawing assignments are finished, submitted and evaluated according to previously presented information and criteria.
- 15% Outside sketching assignments based on previously presented information and criteria.
- 20% Examination consists of one examination given on approximately the twelfth week which will include written and performance skills in a comprehensive review of the subject matter presented to that point in the course.

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

Yes 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 © (2) (A)

CONTACT PERSON: Ken Swift Ext. 2559

SIGNATURES ON FILE