

PALOMAR COLLEGE  
COURSE OUTLINE OF RECORD FOR  
DEGREE CREDIT COURSE

  x   Transfer course        x   A.A. applicable course  
(check all that apply)

**COURSE NUMBER AND TITLE:**    Art 155 - Stained Glass I

**UNIT VALUE:**            3

**MINIMUM NUMBER OF SEMESTER HOURS:**    96

**BASIC SKILLS REQUIREMENTS:**

Appropriate language skills.

**ENTRANCE REQUIREMENTS:**

**PREREQUISITE:**    ART 104

**COREQUISITE:**    None

**RECOMMENDED PREPARATION:**    None

**SCOPE OF COURSE:**

Introduction to the materials and processes involved in the creation of flat glass objects. Emphasis on design potential and creative possibilities of the medium.

**SPECIFIC COURSE OBJECTIVES:**

Upon completion of course students will:

1. Focus on obtaining a basic skill at applying principles of traditional design for glass art;
2. Become familiar with the identification of the tools involved;
3. Gain understanding of the different types of glass and some competence in analyzing their cutability;
4. Solve novel problems in the fabrication of glass panels through the techniques of pattern making and lead configuration;
5. Experience the processes of patina, soldering, weather proofing and framing.

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

- I. A historical overview
  - A. Medieval to current glass production techniques.

- B. Lectures on selection of various kinds of glass and their special cutting characteristics.
- II. Designing techniques and pattern making
  - A. Beginning with a rough sketch to finished design.
  - B. Making a final pattern for glass cutting.
- III. Demonstrations and lectures on how to cut glass with student practice on various types of glass.
- IV. Explanation of the differences between lead and copper foil techniques in panel construction.
  - A. Advantages and disadvantages
  - B. When to use one method or the other, or both combined.
- V. The fabrication of panels, the use of various soldering techniques.
- VI. A study of sandblasting and etching with relationship to enhancing overall design.
- VII. Final finishing techniques
  - A. cementing
  - B. copper patina
  - C. framing
  - D. display of work

**REQUIRED READING:**

Individual instructors may require a text such as:

Mollica, Peter, Stained Glass Primer. Oakland: Mollica Stained Glass Press, 1972.

**SUGGESTED READING:**

Sowers, Robert. The Language of Stained Glass. Portland: Timber Press, 1981.

Quagliata, Narcissus. Stained Glass from Mind to Light. San Francisco: Mattole Press, 1976.

Isenberg, Anita and Seymour Isenberg. How to Work in Stained Glass. Radnor: Chilton Book Co., 1972.

Rigan, Otto. New Glass. New York: Ballantine Books, 1976.

**REQUIRED WRITING:**

Select a building with sufficient architectural sized stained glass panels to be considered a dominant feature and write a report. Include artist, style, date, reason they used glass, symbology, problem in engineering - two pages typed. Include photographs, drawings, news clippings, bibliography.

**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.

Field trips to James Hubbell's home in Julian, and Neptune Beveling in Leucadia.

Seminars/Workshops: Ceramic painting techniques, Jessie Powers, La Costa Library, Carlsbad; Glass fusing workshop, Marty McNalley at Palomar College, two days - weekend.

Student Show, Palomar, other community colleges and local universities' art shows, along with visiting other glass shows, galleries and supply stores.

A minimum of three hours per week of outside work on projects will be required.

**INSTRUCTIONAL METHODOLOGY:**

Check all that apply:

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

To contribute to students' self-realization through self-discipline, skills, creativity and satisfaction in learning. To develop an appreciation of the art of stained glass and its relationship to the art world. Lecture-laboratory demonstrations, slide presentations, visiting artists lectures, movies, videos and specific information handouts.

This course may be offered as a distance education course and meets Title 5 regulations 55370, 55372, 55374, 55376, and 55378, and 55380. Yes \_\_\_ No X.

telecourse (Course is taught by televised lessons not under direct supervision of an instructor. Usually some on campus lecture/discussion sessions are required.)

mediated instruction (Instruction is by audio-visual means in various combinations. Usually conducted in a learning resources center not under immediate supervision of a qualified instructor.)

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 for determining whether the stated objectives have been met by students):

Each instructor evaluates on the basis of individual projects, a portfolio of selected works from the semester, or a final project, for grading and evaluation, or examination. Participation and personal growth are also factors. 40% - individual projects, 25% - final, 20% - course progress, 15% - participation.

**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) (1), (2) (A), (3)

**CONTACT PERSON:** Raymond Warner, ext. 2302

<b>SIGNATURES ON FILE</b>
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