

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: ART 277 - Glass Casting

UNIT VALUE: 1.0

MINIMUM NUMBER OF SEMESTER HOURS: 32

BASIC SKILLS REQUIREMENTS: Appropriate language skill

ENTRANCE REQUIREMENTS: None

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE The study of the properties of molten glass as applied to glass casting. The acquisition of knowledge through problem solving using open face glass casting techniques.

SPECIFIC COURSE OBJECTIVES: Successful students will have a basic understanding of the open face casting technique. Students will create their own castings in glass. Students will identify potential problems and apply principles learned to satisfy the particular needs of their project.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Casting Methods
 - A. Mold making
 - B. Casting medium
 - C. Glass manipulation

- II. Safety Procedures
 - A. Handout
 - B. On the floor observations

- III. Production
 - A. Creativity
 - B. Problem solving
 - C. Annealing
 - D. Display

REQUIRED READING: Fenton, Dan. *Glass Under Heat – Kilnwork Notes from Dan Fenton’s Workshops 1982-1998*. Buffalo, NY: Sunshine Glassworks, 2002.

SUGGESTED READING: Lundstrom, Boyce. *Glass Casting and Mold Making*. Portland, OR: Vitreos Publications, 1989.

REQUIRED WRITING: Review an article about casting.

OUTSIDE ASSIGNMENTS: Open lab where students will work on projects.

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):

Self critique	10%
Progress on projects	50%
Attendance and participation	30%
Final exam	10%

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

Yes No Number of times course may be taken for credit: 3

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

(A) Skills or proficiencies are enhanced by supervised repetition and practice within class periods.

CONTACT PERSON: Ray Warner 760-436-0404

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