

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 270 - Jewelry and Metalsmithing Design III

UNIT VALUE: 3.0

MINIMUM NUMBER OF SEMESTER HOURS: 96

BASIC SKILLS REQUIREMENTS: Appropriate language skills.

ENTRANCE REQUIREMENTS

PREREQUISITE: Art 151 – Jewelry and Metalsmithing II

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Continued exploration of the manipulation of metal. Advance projects in jewelry and metalsmithing.

SPECIFIC COURSE OBJECTIVES:

The student will -

1. Develop critical thinking skills through selected activities.
2. Demonstrate continued exploration of creative and aesthetic possibilities utilizing advanced metalworking principles and techniques in functional three-dimensional forms.
3. Develop a personal creative expression through the medium of metal.
4. Examine and analyze creative work produced with both aesthetic and technical strength.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

1. Introduction
 - a. Nature of course (philosophy)
 - b. Historical associations
 - c. Personal tools, supplies and equipment
 - d. Mechanics of class - studio/lab procedures, attendance, grading and assignments

2. Design Concepts
 - a. abstractions from nature
 - b. non-objective invented forms
 - c. balance - symmetrical/asymmetrical
 - d. positive and negative space relationships
 - e. linear elements
 - f. geometric variations

3. Special Tools and Equipment
 - a. saws, cutters and files
 - b. metal forming and forging tools such as punches, anvils, hammers and stakes
 - c. finishing tools such as sanders, polishers and buffers
 - d. heating equipment such as torches and kilns
 - e. tools used for decoration such as engraving burins and chasing punches
 - f. equipment used to prepare sheet and wire such as the rolling mill and draw plates

4. Techniques
 - a. Raising
 - (1) theory
 - (2) design considerations - container form, goblet, or ladle, etc.
 - (3) special tools
 - (a) stakes
 - (b) hammers
 - (4) forming procedures
 - (5) planishing
 - (6) construction and fabrication
 - b. Casting
 - (1) special wax working processes
 - (2) press molding
 - (3) vacuum method
 - (4) other special techniques
 - c. Mold making - commercial techniques
 - (1) silicone rubber molds
 - (2) vulcanized rubber molds
 - (3) wax injecting
 - (4) making multiple elements using other methods
 - d. Special techniques
 - (1) synclastic and anticlastic sinking
 - (2) shell forming
 - (3) photo etching
 - (4) granulation
 - (5) other

REQUIRED READING:

Individual instructors may require a text such as: Von Neumann, Robert. The Design and Creation of Jewelry. 3rd ed. 1982

SUGGESTED READING:

May include the periodicals Metalsmith, American Craft, Gold un Silber, European Jeweler and Ornament. Seppa, Heikri. Form Emphasis for Metalsmiths. 1978

REQUIRED WRITING:

Varies according to the instructor. Research on a particular artist/designer, an art form or technical process is required.

OUTSIDE ASSIGNMENTS:

Students are required to keep a notebook for the course, including a portfolio of design ideas and sketches. Design exhibition visitations and reports may also be required. A minimum of three hours per week of outside work on projects is required. The drafting of the required research paper is included.

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): Material success of lab projects - 50%, attendance - 10%, class participation - 15%, quizzes and exams - 15%, notebook and written assignments - 10%.

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, (c) (1), (2) (A), (3)

CONTACT PERSON: Anthony Lugo

SIGNATURES ON FILE: