El Camino College

COURSE OUTLINE OF RECORD - Official

I. GENERAL COURSE INFORMATION

Subject and Number: Art 173
Descriptive Title: Introduction to Jewelry and Metalsmithing

Course Disciplines: Art

Division: Fine Arts

Catalog Description: This course is an introduction to the design and technical processes of jewelry and metalsmithing. Construction techniques such as sawing, soldering, forming, and surface embellishment are employed in combination with various metals and stones. Also covered are issues of contemporary aesthetics and their influence on jewelry design and construction.

Conditions of Enrollment: *You have no defined requisites.*

Course Length: [X] Full Term [ ] Other (Specify number of weeks):
Hours Lecture: 2.00 hours per week [ ] TBA
Hours Laboratory: 4.00 hours per week [ ] TBA
Course Units: 3.00

Grading Method: Letter
Credit Status Associate Degree Credit

Transfer CSU: [X] Effective Date: Prior to July 1992
Transfer UC: [ ] No

General Education:
El Camino College: _____
CSU GE: _____
IGETC: _____

II. OUTCOMES AND OBJECTIVES

A. COURSE STUDENT LEARNING OUTCOMES (The course student learning outcomes are listed below, along with a representative assessment method for each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)

1. Apply Principles: Students will be able to synthesize, and apply the principles of jewelry design, and appropriate practices, to create original finished jewelry objects.
2. Define: Students will be able to define and give examples of terminology, methods, and materials appropriate to the beginning level jewelry and

metalsmithing.

3. Evaluate: A student will be able to evaluate a jewelry object in terms of concept, design and control of the medium (craftsmanship) through written and oral communication.

The above SLOs were the most recent available SLOs at the time of course review. For the most current SLO statements, visit the El Camino College SLO webpage at http://www.elcamino.edu/academics/slo/.

B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below, along with a representative assessment method for each)

1. Identify and utilize precious and ferrous metals, precious and semi-precious stones, and copper-based alloys to create finished jewelry.

   Class Performance

2. Develop and sketch original jewelry designs.

   Other (specify)

   sketchbook and notebook assignments

3. Create finished jewelry employing sawing, filing, annealing, soldering, forming, surface embellishment, stone setting, casting, and polishing.

   Other (specify)

   individual class projects

4. Demonstrate and employ principles of contemporary aesthetics and functional considerations applicable to jewelry design and construction.

   Other (specify)

   individual class projects

5. Analyze and apply the technical processes necessary to produce finished jewelry objects.

   Written homework

6. Define jewelry and metalsmithing terminology and outline safe studio practices.

   Objective Exams

7. Evaluate jewelry in terms of function, aesthetics, symbolism, visual effectiveness, and craftsmanship.

   Class Performance

III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)

Lecture or Lab	Approximate Hours	Topic Number	Major Topic
Lecture	12	I	Tools and equipment • Terminology • Identification • Function and application • Safety and maintenance procedures
Lab	6	II	Creating original designs • Working drawings and specifications

			• Assessing material requirements and functional needs
Lab	6	III	Contemporary aesthetics • Integrating form and function • Traditional and non-traditional materials • Interpretation and expression
Lecture	12	IV	Stones and metals • Precious metals • Ferrous metals • Copper-based alloys • Precious and semi-precious stones
Lab	60	V	Construction techniques • Sawing and filing • Annealing and forming • Soldering and surface embellishment • Stone setting and patination • Casting and polishing • Etching and forging
Lecture	12	VI	Analysis and criticism • Technique and function • Aesthetics and craft
Total Lecture Hours		36	
Total Laboratory Hours		72	
Total Hours		108	

IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

A. **PRIMARY METHOD OF EVALUATION:**

Skills demonstrations

B. **TYPICAL ASSIGNMENT USING PRIMARY METHOD OF EVALUATION:**

Design and construct a ring integrating etching, soldering, and stone setting.

C. **COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:**

1. Design and create a scaled model in preparation for constructing a pendant. Assess and determine the functional and material requirements of the proposed pendant, then construct a finished pendant integrating soldering, filing, surface embellishment, and patination.
2. Assess the functional and material requirements for constructing a linked bracelet. Design and construct a scaled model based on contemporary aesthetic principles. Complete the finished bracelet combining forging, soldering, linking, and hydraulic press work.

D. **OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:**

Performance exams

Other exams

Quizzes

Class Performance

Multiple Choice

Completion

True/False

Other (specify):

Design and construction of jewelry projects

Critique of jewelry projects

Tool identification

V. INSTRUCTIONAL METHODS

Demonstration
Discussion
Field trips
Group Activities
Guest Speakers
Internet Presentation/Resources
Laboratory
Lecture

Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.

VI. WORK OUTSIDE OF CLASS

Skill practice
Required reading
Problem solving activities
Observation of or participation in an activity related to course content

Estimated Independent Study Hours per Week: 3

VII. TEXTS AND MATERIALS

A. **UP-TO-DATE REPRESENTATIVE TEXTBOOKS**
B. **ALTERNATIVE TEXTBOOKS**
C. **REQUIRED SUPPLEMENTARY READINGS**
online current industry standard materials

D. **OTHER REQUIRED MATERIALS**
Jewelry and metalsmithing tools and supplies
Sketchbook

VIII. CONDITIONS OF ENROLLMENT

A. Requisites (Course and Non-Course Prerequisites and Corequisites)

Requisites	Category and Justification

B. Requisite Skills

Requisite Skills

C. Recommended Preparations (Course and Non-Course)

Recommended Preparation	Category and Justification

D. Recommended Skills

Recommended Skills

E. Enrollment Limitations

Enrollment Limitations and Category	Enrollment Limitations Impact

Course created by Irene Mori on 04/01/1988.

BOARD APPROVAL DATE:

LAST BOARD APPROVAL DATE:

Last Reviewed and/or Revised by Irene Mori on 03/22/2011

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