ART A147: JEWELRY 1

Item	Value
Curriculum Committee Approval Date	12/08/2021
Top Code	101300 - Commercial Art
Units	3 Total Units
Hours	108 Total Hours (Lecture Hours 27; Lab Hours 81)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)
Associate Arts Local General Education (GE)	• OC Active Participation - AA (OC2)
Associate Science Local General Education (GE)	• OCC Arts - AS (OSC1)
California State University General Education Breadth (CSU GE-Breadth)	• CSU C1 Arts (C1)

Course Description

Introduction to a wide range of methods, techniques, and materials used to create jewelry and small-scale metal artwork and objects. Includes examination of the history and contemporary practices of jewelry making and small metal casting / fabrication with a global cultural perspective. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Design a minimum of two pieces of functional jewelry.
2. Fabricate these jewelry designs utilizing both soldered and non-soldered techniques.

Course Objectives

- 1. Utilize jewelry/metalsmithing techniques to create utilitarian and non-utilitarian metal object as a form of creative expression;
- 2. Produce finished work that integrates traditional and contemporary design principles and elements of metal work and fabrication in assignments that develop students personal aesthetics;
- 3. Critically analyze the visual quality and strength of a metal design (Technique, craftsmanship, and effective use of materials.);
- 4. Safely utilize the tools, equipment, and materials used in jewelry and metalsmithing; Examine and describe contemporary trends, materials, and approaches in jewelry and metalsmithing.
- 5. Apply and appreciate the elements of design.
- 6. Understand basic metallurgy.
- 7. Understand techniques of surface manipulation of metal.
- 8. Understand techniques of shaping and manipulating metal.
- 9. Understand techniques of joining metals.
- 10. Understand techniques of casting metal.
- 11. Understand techniques of basic gem and lapidary art.
- 12. Understand techniques of fabrication.
- 13. Appreciate the past and present heritage of historical and contemporary jewelry design.

Lecture Content

Theory and application of traditional and contemporary techniques of metal work and fabrication: cutting, piercing, soldering, annealing, drilling, forming, casting, mechanical joining, and stone setting Non-Soldered Jewelry riveting, forging, sawing filing, sanding Forming Techniques Forming Techniques sinking forging box forming Seam Preparation and Soldering butt joints sweat soldering running solder multiple soldering operations Surface Enrichment appliqué patina enameling engraving imprinting chasing and repousse etching fusing reticulation inlay granulation Stone Mounting bezels pressure mounts Combination Techniques found objects wood and metal metal combinations Wire bending drawing forging linking devices Design form fit function fabrication Application of design concepts in the development of students personal aesthetic. Proper care and safe use of tools used in the art of jewelry and metalsmithing. Historical and cultural development of jewelry making and metalsmithing. Analysis and criticism of jewelry and small metal projects in oral and written contexts using relevant critique formats, concepts, and terminology. Contemporary trends, materials, and approaches in jewelry and metalsmithing.

Lab Content

1. Demonstration of traditional and contemporary techniques of metal work and fabrication. This may include but is not limited to: a. Forming techniques b. cutting, piercing, annealing, drilling, casting, mechanical joining, riveting, forging, sawing and stone setting. b. Soldering operations2. Applying surface design enrichment a. Form and function b. Mixed media combination techniques 3. Hands-on projects in which students create finished work in response to demonstrations and lecture, including projects covering some combination of the following techniques: Cutting, piercing, soldering, annealing, drilling, forming, casting, mechanical joining, and stone setting4. Safe use of tools and specialized equipment5. Critique

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)
- Lab (04)
- DE Live Online Lab (04S)
- DE Online Lab (04X)

Instructional Techniques

Slide and video presentations, field trips, student critiques.

Reading Assignments

Reading from assigned text(s)

Writing Assignments

Written reports Written critiques of student work

Out-of-class Assignments

field trips

Demonstration of Critical Thinking

Skill demonstrations, problem solving exercises, written assignments. Portfolio of completed work; Group and individual critiques in oral or written formats; Written assignments, which may include quizzes, essays, exams, or reports

Required Writing, Problem Solving, Skills Demonstration

Skill demonstrations, problem solving exercises, written assignments. Group and individual critiques in oral or written formats; Written assignments, which may include quizzes, essays, exams, or reports

Textbooks Resources

1. Required McCreight, Tim. The Complete Metalsmith, ed. Portland: Brymorgen Press, 2004 Rationale: -This is the most rescent publishing date