

ART G160: JEWELRY AND METALSMITHING 1

Item	Value
Curriculum Committee Approval Date	10/03/2023
Top Code	100910 - Jewelry
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	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S), • Pass/No Pass (B)
Local General Education (GE)	• GWC Arts, Lit, Phil, Lang (GC)

Course Description

Formerly: Jewelry 1. This course is an introduction to jewelry-making and metalworking. Students will work with a wide range of methods, techniques, and materials to create jewelry and small-scale metal artworks and objects. Students will also learn about historical and contemporary practices of jewelry-making and metal casting and fabrication with a diverse range of examples from around the world. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Course Outcomes
2. Identify key historical cultural traditions and contemporary trends in jewelry-making and metalsmithing.
3. Examine problems specific to jewelry design and metalsmithing with the practical application of possible solutions.
4. Create jewelry and/or other metal objects through the application of casting techniques.
5. Evaluate the jewelry and metal objects produced utilizing the critique process.

Course Objectives

- 1. Produce work that integrates traditional and contemporary design approaches to jewelry design and metalsmithing.
- 2. Employ skills that will lead to individual direction, creative expression, and personal aesthetic in the production of jewelry and metalsmithing.
- 3. Use jewelry and metalsmithing techniques to create utilitarian and non-utilitarian metal objects as a form of creative expression.
- 4. Use specialized tools, equipment, and materials in the design of jewelry and metal objects.
- 5. Integrate the formal elements and principles of design in the creation of jewelry and metal objects.
- 6. Evaluate students own artwork and that of other students during critiques.

Lecture Content

Introduction Historical jewelry-making and metalsmithing techniques Contemporary jewelry-making and metalsmithing trends and approaches Cultural uses of jewelry The interrelationship between design and function Common materials used Basic metal properties Suppliers Safety and handling Handling of various materials Use of tools and equipment Terminology and layout of the studio Introduction to visual design Elements of art Line Color Value Shape Space Form Texture Mass Principles of design Balance Movement Repetition Proportion Pattern Unity Emphasis Variety Rhythm Common jewelry design limitations and solutions Developing a personal aesthetic Scale and weight Working procedures Develop and analyze original sketches and designs Recognize and utilize various jewelry techniques Non-soldered jewelry Riveting, forging, and piercing Drilling and sawing Filing and sanding Forming techniques Sinking Forging Box forming Seam preparation and soldering Butt joints Sweat soldering Running solder Multiple soldering operations Surface enrichment Applique Patina Enameling Engraving Imprinting Chasing and repousse Etching Fusing Reticulation Inlay Granulation Other kinds of texturing Stone mounting Bezels Pressure mounts Cabochon setting Combination techniques Found objects Wood and metal Metal combinations Wire Bending Drawing Forging Linking devices Design Form Fit Function Fabrication

Lab Content

Development of artistic concepts Sketching and designing Form, function and fit Integration of the principals and elements of design Integration of function and aesthetics Demonstrate studio safety, set-up, and clean-up techniques Demonstrate the proper maintenance methods of all studio equipment and tools Preparation and use of specialized equipment and materials Group and individual critiques on in-progress and finished objects Create objects using jewelry and metalsmithing techniques and processes Forming techniques Cutting Piercing Annealing Drilling Casting Mechanical joining Riveting Forging Sawing and filing Hammering and piercing Sanding Fusing materials Soldering Cold connections Stone setting Bezels Pressure mounts Cabochon setting Surface enrichment and finishing Patinas Applique Enameling Engraving Imprinting Chasing and repousse Etching Inlay Mixed media combination techniques

Method(s) of Instruction

- Lecture (02)
- Lab (04)

Reading Assignments

Instructor prepared materials and other selected readings on jewelry-making and metalsmithing from books and periodicals.

Writing Assignments

Reflective essays following virtual or in person visits to museums to view works of jewelry and metalsmithing. Evaluations of objects presented in class. Artists statements. Essays based on researching historical and contemporary jewelry and metalsmithing developments. Reflecting on class experiences in a notebook.

Out-of-class Assignments

The creation of designs in a sketchbook and the preparation of creative works. Investigating historical and contemporary jewelry and metalsmithing artists and their works. Art gallery or museum visits in person or online to view jewelry and metalsmithing artworks. Drafting an

artists statement. The collection of appropriate media and related found object materials.

Demonstration of Critical Thinking

Students will create and construct objects using various jewelry-making and metalsmithing techniques and media while also incorporating the elements of art and principles of design into their artwork. Students will evaluate their artwork and the artwork of their peers in order to express reasoned judgments during oral critiques. Students will synthesize design concepts, technical skills, content, and individual expression in the production of objects integrating at least two media with specialized techniques. Students will review art exhibits of jewelry and metalsmithing.

Required Writing, Problem Solving, Skills Demonstration

Assessments and critiques that measure the students ability to assess and derive meaning from works of art presented, including their own original artwork and the artwork of their peers. Students will construct an object using various specialized tools, techniques, and media related to jewelry and metalsmithing. Students will create designs for their objects, implement their designs, and researching historical and contemporary jewelry and metalsmithing artists and their artworks. Students may write reflective essays following their virtual or in person visits to museums to view objects related to jewelry and metalsmithing. Students will have written assignments that include the critical evaluations of objects presented in class and written artists statements.

Eligible Disciplines

Art: Masters degree in fine arts, art, or art history OR bachelors degree in any of the above AND masters degree in humanities OR the equivalent.

Note: "masters degree in fine arts" as used here refers to any masters degree in the subject matter of fine arts, which is defined to include visual studio arts such as drawing, painting, sculpture, printmaking, ceramics, textiles, and metal and jewelry art; and also, art education and art therapy. It does not refer to the "Master of Fine Arts" (MFA) degree when that degree is based on specialization in performing arts or dance, film, video, photography, creative writing, or other non-plastic arts. Masters degree required. Jewelry: Any bachelors degree and two years of professional experience, or any associate degree and six years of professional experience.

Textbooks Resources

1. Required McCreight, T. The Complete Metalsmith, 4th (latest) ed. Brynmorgen Press, 2005 Rationale: This is a legacy textbook