Course Information Form (CIF)

Course Code: ART 185

Course Title: Metalwork and Jewelry I

Department: Arts, Media, and Social Sciences
PCS Code: 1.1 - Baccalaureate/Transfer
CIP Code: 50.0713
Repeatability: 3

Effective Date: Summer 2026

Credit Hours

Catalog Notation: 1-5-3
Credit Hour Distribution:

Lecture: 1	Lab: 5	Clinical: 0	**Total: 3**

General Course Information

Catalog Description

Basic jewelry and metalworking techniques: sawing, piercing, filing, soldering, cold connections, forming, metal finishing. Repeatable for a maximum of 12 credit hours.

General Course Objectives

- To introduce basic jewelry and metalworking techniques and skills.
- To explore the use of metal as a medium for aesthetic and personal expression.

Minimum Placement Levels

English	Reading	Math
None	Placement out of CCS 098	None

Prerequisites

None

Recommended before enrolling (not required):
Credit or concurrent enrollment in ART 121

Methods of Evaluation

3-5 assignments, class and individual critiques, grading of assignments, ongoing evaluation of student work and technical exercises, and at least 1 written assignment and/or written examination.

Instructional Materials and Additional Supplies

None.

Course Content

General Learning Outcomes (GLOs)

- Creativity and Innovative Thinking: Students will design, present, and interpret materials, information, and ideas in innovative ways.

Course Segments and Student Learning Outcomes

Course Segment	Learning Outcomes	Lecture Hours	Lab Hours	Clinical Hours
Introduction to Materials, Tools, and Historical and Contemporary Artists	1. Select and demonstrate skills with appropriate tools for task. 2. Demonstrate competence in using technique appropriate for the function and intent/content of design. 3. Employ safe studio practice with materials and tools. 4. Use sketchbook/journal to research and test various compositional solutions for metalwork design.	3	6	0
Introduction to Basic Metalworking Techniques: Sawing/Piercing and Filing/Sanding	1. Demonstrate competence in sawing, filing, and sanding metal in a series of metalwork projects.	2	12	0
Fabrication: Introduction to Fabrication Techniques, Silver Soldering. Instruction on the safe use of torches and soldering materials.	1. Apply design and soldering for fabrication and completion of original work.	2	15	0
Cold Connection Techniques: Rivets	1. Employ the use of cold connections in the fabrication of metalwork projects.	2	15	0
Introduction to Basic Forming Techniques (e.g. annealing, bending, dapping, forming, scoring and folding)	1. Demonstrate working knowledge of metal properties (e.g. forming, annealing, and heating).	2	12	0
Introduction to Surface Treatments (e.g. patinas, roll printing, etching, stamping)	1. Apply appropriate surface treatment and finishes to match the design concepts or function of metalwork projects.	2	9	0
Objective Critiques and Group Discussions	1. Analyze and evaluate the quality of metalwork based on the principles of design and artisanship.	2	6	0

Total Contact Hours

Lecture Hours	Lab Hours	Clinical Hours
15	75	0