Course Title: Intro to Jewelry & Metals

Course #: 1726-1727

Course Description:
This course provides introductory instruction in design and construction of jewelry and small sculptural and functional objects in non-ferrous metals. Students will learn basic fabrication, forming, and surface embellishment techniques for metal. While learning technical skills in metalwork, sculpture and jewelry design, students will complete projects that encourage critical thinking and artistic personal expression that apply previously learned knowledge of the Elements and Principles of Art and design. Students will apply visual art vocabulary and an ability to utilize the language of art in discussions, during critiques and in written reflections. Artistic achievement of individuals, both historical and contemporary, and the work of different cultures will be analyzed and explored to serve as sources of inspiration for studio practices.

UC/CSU Approval: “f” approved

Grade Level: 10-12

Estimated Homework Per Week: 1 - 3 hours

Prerequisite: Completion of Foundations of Visual Art

Recommended Prerequisite Skills: 3D Design is recommended but not required. Foundational understanding of sculpture and 3D design concepts. Understanding of Elements and Principles of Design especially as applied to 3D artwork and sculpture. Student should be comfortable learning to use hand-tools.

Course Grade Scale:
● Practice Work / Homework: 30%
● Studio Performance: 20%
● Presentation Work: 50%

Major Assessments/Units/Topics:
Presentation Work:
   Long term projects driven by technical objectives and student design
   Written reflections
   Research project
Practice Work:
  Technical practice exercises
  Homework readings, sketches, research and preparation for projects Quizzes

Studio Performance:
  Safe, careful and respectful use of tools and equipment Participation in studio art class culture and class critiques

Final Semester Exams

Unit Outline:
  ● Intro to Metals & Jewelry
    ○ Metal Qualities and Specifications
    ○ Basic Jewelry/Metalsmithing Tools
  ● Sawing / Piercing
  ● Finishing (Filing, Sanding, Polishing)/ Patina
  ● Annealing / Hammers / Hammer Texturing / Punches
  ● Cold connections - Riveting
  ● Soldering / Marriage of Metals
  ● Forming - Dapping/ Fold Forming
  ● Semester 1 Exam
  ● Contemporary Jewelry (or Metal Object) Research
  ● Etching
  ● Construction / Fabrication of a Container
  ● Simple Settings / found objects
  ● Series of 3 - investigation of a theme or subject