Administrative Unit: Art Department

Course Prefix and Number: ARTS 394

Course Title: Jewelry II

Number of: Credit Hours: 3 Lecture Hours: 0 Laboratory Hours: 6

Catalog Description: This course is an exploration of the design and creation of personal jewelry forms using the lost wax casting process.

Prerequisite(s)/Corequisite(s): ARTS 101, ARTS 120, ARTS 140, ARTS 141, ARTS 292.

Text(s): Textbook(s) listed is/are not necessarily the textbook(s) used in the course.

Metal Techniques for the Craftsman. Oppi Utracht.  
Jewelry Making An Illustrated Guide to Technique. Dominic Dipasquale  
The Technique of Jewelry. Chuck Evans  
The Art of Jewelry, Graham Hughes  
Creative Jewelry Making Techniques for Craftsmen, Larry Hemard  
Contemporary Jewelry: A Craftsman’s Handbook, Philip Morton  
Jewelry Basic Technique and Design, Alice Sprintzen  
Body Jewelry, International Perspective, Donald Wilcox  
Albert Paley Sculptural Adornments

Course Objectives:

- To explore jewelry design through the lost wax casting process.
- To investigate a variety of casting tools and procedures used in the precious metals casting process.
- To learn the vocabulary of the jewelry casting profession.

Measurable Learning Outcomes:

- Use all wax modeling tools and techniques.
- Build cast able wax models using a variety of approaches and modeling techniques
- Apply the appropriate techniques used in the lost wax casting process.
- Demonstrate the accepted procedures of design, casting and finishing cast jewelry forms.

Topical Outline (major areas of coverage):

- Wax working 101
  - Subtractive wax work
  - Additive wax work
- Casting process 101
  - Centripetal casting
  - Vacuum casting
  - Cuttlefish bone casting
- Alternate casting procedures
  - Replica cast
  - Stone in place casting
- Advanced casting techniques
  - Multiple casting
  - Double casting
- Combination: cast/fabricated piece

Recommended maximum class size for this course: 10

Library Resources: Online databases are available at http://www.ccis.edu/offices/library/resources.asp. You may access them from off-campus using your eServices login and password when prompted.

Prepared by: Tom Watson

Date: September 27, 2005

NOTE: The intention of the master syllabus is to provide an outline of the contents of this course, as specified by the faculty of Columbia College, regardless of who teaches the course, when it is taught or where it is taught. Faculty members teaching this course for Columbia College are expected to facilitate learning pursuant to the course objectives and cover the subjects listed in the topical outline. However, instructors are also encouraged to cover additional topics of interest so long as those topics are relevant to the course’s subject. The master syllabus is, therefore, prescriptive in nature but also allows for a diversity of individual approaches to course material.

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