San José State University
Department of Art & Art History
Art 147, Topics in Metalsmithing and Jewelry, Soldering and Cold Connections, Section 01, Spring 2018

Course and Contact Information

Instructor:	Yvonne Escalante
Office Location:	Art, Room 321
Telephone:	(408) 924-4390 Messages will be checked Fridays between 3:30 pm - 5:30 pm
Email:	Yvonne.escalante@sjsu.edu, preferred contact
Office Hours:	Friday, 3:30 pm - 5:30 pm or by appointment
Class Days/Time:	Friday 9:30am -3:30pm
Classroom:	Art, Room 210
Prerequisites:	Art 47 or instructor's consent
Department Office:	ART 116
Department Contact:	Website: www.sjsu.edu/art Email: art@sjsu.edu

Course Format

Faculty Web Page and MYSJSU Messaging

Course materials such as syllabus, handouts, notes, assignment instructions, etc. can be found on Canvas Leaning Management System course login website at http://sjsu.instructure.com. You are responsible for regularly checking with the messaging system through MySJSU at http://my.sjsu.edu (or other communication system as indicated by the instructor) to learn of any updates.

Course Description

Technical and aesthetic aspects of metalsmithing and jewelry design. Fabricating, surfacing, soldering, raising, forming and forging. Repeatable for 12 units of credit when topic changes.

Topic: Soldering and Cold Connections

Course Learning Outcomes (CLO)

Upon successful completion of this course, students will be able to:

1. CLO 1: Demonstrate safe and correct handling of hazardous material associated with jewelry by completing training and passing the hazardous materials and safety test.

2. CLO 2: Demonstrate safe and correct use of tools, equipment, and techniques, associated with advanced soldering and fabrication through the completion of Project 1.
3. CLO 3: Demonstrate safe and correct use of tools, equipment, and techniques associated with etching through the successful completion of Project 2.
4. CLO 4: Critically apply learned techniques, individual research, and peer evaluations from previous projects to produce a cloisonné brooch to complete project 3.
5. CLO 5: Participate in and contribute to the critical evaluation of finished work through instructor-led class critiques and group discussions.

Required Texts/Readings

Textbook

The Art of Enameling by Linda Darty
ISBN-10: 157990954X
ISBN-13: 978-1579909543

The Complete Metalsmith: An Illustrated Handbook by Tim McCreight
ISBN-10: 0871922401
ISBN-13: 978-0871922403

A class copy of each book is available for reference in Art 210 during class and lab hours.
Students may purchase a copy at www.Amazon.com or at other book retailers.

Other Readings

Required readings will be uploaded to Canvas as needed.

Other equipment and material

A dedicated sketchbook for notes and design sketches is required. A small toolbox or tackle box is strongly recommended. Students are required to purchase silver and any materials or supplies that exceed the class allotment such as saw blades, sandpaper, and metal as needed for the completion of projects. Cost will vary from student to student depending on individual needs and current market prices. Students will be given fair warning when outside materials are needed as projects are assigned. Students can expect to spend $30-$100 during the course of the semester. A list of vendors will be provided in class.

Hazardous Materials (HAZMAT)

All students enrolled in a studio art class are required to take a hazardous materials test. This test will include safe handling, storage, and disposal of hazardous materials commonly used in the Jewelry and Small Metals Lab (Jlab) Art Rm, 210 & 210A. The test will be held during the fourth week of instruction with a review session held in the class prior to the exam. Participation in the review and test are mandatory; failure to pass the test will result in loss or limited lab access. Please see class schedule for dates.

Material Safety Data Sheets (MSDS) must be on file for all potentially hazardous materials before

they can be used in any of the Art & Design facilities. Submit one copy of the material's MSDS to the department in Room 104 and a second copy to the faculty member responsible for the class in which the material will be used.

Department Advising

For information about majors and minors in Art & Art History, for change of major/minor forms and a list of advisors: http://www.sjsu.edu/art/ or the Art & Art History department office in ART 116, 408-924-4320, art@sjsu.edu

Library Liaison

Aliza Elkin
email: aliza.elkin@sjsu.edu
phone: (408) 808-2043
Dr. Martin Luther King, Jr. Library
4th Floor Administration Offices
Website: http://libguides.sjsu.edu/collectiondevelopment/CDhumanities

Course Requirements and Assignments

SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on. More details about student workload can be found in University Policy S12-3 at http://www.sjsu.edu/senate/docs/S12-3.pdf.

Assignment outline

Project 1: Onomatopoeia
An introduction to advanced fabrication strategies and soldering techniques
CLO 2, Due: 3/2/18- 20%

Project 2: Metal etching
An introduction to etching imagery onto copper and brass. Demonstrations will cover several approaches to creating designs including photo transfers.
CLO 3, Due: 4/13/18 - 20%

Project 3: Cloisonné brooch
An Introduction to cloisonné enameling and alternative stone setting.
CLO 4, Due: 5/17/18 - 20%

Class participation
Participation is assessed as follows:

- Active participation in the critical evaluation of projects through class critiques
- Active participation in class discussions
- Active participation in daily and weekly cleaning duties

- Participation in the end of the semester cleanup to be held on the scheduled final day

Participation points may be made up through extracurricular activities related to Jewelry and Metalsmithing classes as cleared by instructor.
CLO 5, 15%

Writing Assignment
CLO 4, 10%

Ring a day challenge
Each week one student will create a ring a day for 5 days. The results will be displayed and voted on.
CLO 4, 10%

Hazardous material and safety test
CLO 1, 9/14/17, 5%

Final Examination or Evaluation

Final critique – The final critique will be held on the final day of instruction during the regularly scheduled time. All students are expected to participate in the critical discussion of the final project for participation points. This is the final day late and extra credit work will be accepted for credit.

Final date & time:_____

Final cleanup and art pickup – The mandatory class cleanup will be held during the scheduled final exam date and time according to the University's final exam schedule. Participation is required to earn final participation points. During this time the lab will receive a deep and thorough cleaning. Arrangements must be made with instructor ahead of time to attend an alternate cleanup if necessary. Please dress in appropriate clothing, including close-toed shoes: you will get dirty.

Final cleanup date & time:_____

Grading Information

Rubrics are included with each assignment outline. Grades can be accessed on Canvas within 2 weeks of turn-in date. Any questions regarding grades can be emailed to me at yvonne.escalante@sjsu.edu or through the class Canvas page. Additionally, we can discuss any questions or concerns in my office during office hours or by appointment.

Each project will be assessed on the following:

- Student's active participation in in-class demonstrations, class discussions, and critiques associated with the assignment.
- Student's ability to complete the techniques covered for each assignment.
- Evidence of independent thinking and creative problem solving in the design and creation of each assignment.

Your final grade will be assessed as follows:

1) Project 1	20%
2) Project 2	20%
3) Project 3	20%
5) Writing assignment	10%
6) Ring-a-day	10%
7) Hazmat/safety test	5%
8) Class participation	15%

Determination of Grades

A+ = 100+	A = 100-93%	A- = 92-90%
B+ = 89-87%	B = 86-83%	B- = 82-80%
C+ = 79-77%	C = 76-73%	C- = 72-70%
D+ = 69-67%	D = 66-63%	D- = 62-60%
F = 59-0% Fail		

A= Excellent work
B= Above average work
C= Average work, met the minimum requirements of the assignment.
D= Below average work
F= Failure to complete or unsatisfactory work

- **Extra Credit –** Extra credit is welcome and encouraged in order for you to further explore any of the techniques covered. I may also offer extra credit in class as unforeseen opportunities arise. You may submit extra credit worth up to 5% of your grade. Extra credit is given a point value based on complexity of the piece and quality of the end product. 5% is not guaranteed and can range from 1-5%.

- **Late work –** Late work will be accepted, however 5% will be deducted from late work for each class meeting it is late and 10% for every week it is late. For classes held once a week, 10% will be deducted for each class meeting it is late.

- **Class participation –** Participation is assessed as follows:
  1. Active participation in the critical evaluation of projects through class critiques
  2. Active participation in class discussions
  3. Arrival to class on time
  4. Active participation in daily and weekly cleaning duties
  5. Participation in the end-of-semester cleanup to be held on the scheduled final day

Participation points may be made up through extracurricular activities related to Jewelry and Metalsmithing classes as cleared by instructor.

- **Making up missed work –** It is YOUR responsibility to make arrangements to make up missed demos, acquire notes from missed lectures, and to contact me with special circumstances regarding attendance and late work.

Contact your peers to keep up to date on any information you may have missed due to an absence.

Peer contacts: Name, phone number, and email

1. _____
2. _____

If you missed a demo or need assistance on equipment:

- JSM's graduate assistants will hold special session demos and provide individual assistance every week.
  1._____
  2._____
- Email me at **yvonne.escalante@sjsu.edu** to set up an appointment during office hours or to request an appointment outside of office hours. If you cannot make office hours, please **include three times** you are available to meet.
- You may come to my office hours for drop-in visits, however this is first-come first-served and is limited to the time posted.

Classroom Protocol

Students using lab must:

- Be enrolled in Art 47, 147 or 149, unless otherwise cleared by instructor and granted volunteer status with HR.
- Always abide by general shop safety protocol as outlined in class and posted signs.
- Never operate equipment without being cleared by instructor.
- Never allow a friend or relative not enrolled in one of the classes listed above to use or operate any equipment.
- Never operate any equipment under the influence of medication, illegal substances, or alcohol – none of these substances are allowed in the lab at any time unless I am notified of the medication along with a doctor's note.
- Infraction of this rule will result in loss of lab privileges and possible legal action.
- Always be respectful of lab assistants in charge of open lab hours. If you are asked to stop doing something or asked to leave, do so immediately. Talk to me directly if you feel there was any unfair treatment. You may email me at yvonne.escalante@sjsu.edu and/or come by my office, Art 321 during posted office hours.
- Never cast or use equipment while alone.

Clothing

- Always wear close-toed shoes during class and lab hours, even if you are not operating equipment.
- Keep long hair securely pulled back and remove any dangling jewelry or accessories (such as earbuds) before operating equipment.
- Remove any loose clothing that could get caught up in equipment prior to operation.
- Always wear safety glasses when operating equipment.

- When casting, you are required to have fire-resistant clothing on. Avoid synthetic fabrics such as polyester that can flash at low temperatures, resulting in severe burns. Long cotton or canvas pants such as jeans are required on casting days.
- Failure to comply with the shop clothing protocol will result in loss of lab privileges for the day or until student is appropriately clothed.

Mandatory 10-minute daily cleanup (graded participation)
General cleanup:

- Turn main gas and air valves off (located under your workstation).
- Clean and return tools to station drawer (jeweler's saw, ring clamp, needle files, dividers, bench pin, soldering kit, and Foredom bits).
- Clean and return glass and/or soldering plate to bench side storage area.
- Clean and return tools and unused supplies to the appropriate storage bin/cabinet.
- Sweep floor and table top under and around your workstation.

Assigned cleanup duty:

- Complete assigned duty each class day before the end of class.

Clean, sweep, and/or vacuum shared equipment immediately after use.

Demos and lectures – You are required to attend all demos and lectures. You will not be allowed to use tools/equipment until cleared by instructor. If you are going to miss a class, it is your responsibility to schedule a makeup demo with instructor or GA before continuing with the project. This will also affect your participation grade as outlined in the grading rubric. You are required to keep a dedicated notebook for taking notes during these demos and lectures.

Lab access outside of class – Because specialized equipment is necessary in the completion of class projects, students must be prepared to work outside of class during posted open lab hours. Open lab hours are times in which no class is in session and a trained lab monitor is in charge of opening and overseeing the lab for safety and compliance. You are encouraged to use this time to perfect techniques covered in class, experiment with techniques learned through independent projects, and create extra credit pieces. Open lab is a privilege that is only sustainable through the cooperation of all lab users. Abuse of lab access or rules will result in limiting or closing lab hours.

Responsibilities of lab monitors – Lab monitors do not teach and are not responsible for cleaning up after you. Lab monitors are volunteers that have been trained in classroom safety and protocol. **They are not permitted to train you on equipment**. During lab time the lab monitor is there to monitor the lab to ensure safety and compliance. Lab monitors should be notified of any injury or incident immediately in order to maintain health and safety. Broken or missing equipment should also be reported to the lab monitor immediately. Lab monitors may ask you to verify lab use eligibility and reserve the right to ask you to leave due to an infraction of lab protocol.

Laptops and cell phones – Laptops are allowed for class research only but are not required. **Cell phones must remain off during demos and lectures. Failure to do so will be treated as a missed demo.**

University Policies

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' Syllabus Information web page at http://www.sjsu.edu/gup/syllabusinfo/"

Art 147/ Topics in Jewelry and Metalsmithing, Spring 2018 Course Schedule

The schedule is subject to change with fair notice updates will be emailed or posted to CANVAS

Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	Jan 26	Introduction
1		Project 1: Onomatopoeia- developing form out of sound Homework: design due 2/2 at the beginning of class
2	Feb 2	Demo: Building your structure
2		Work on piece.
3	Feb 9	Demo: hollow form construction
3		Work on piece
4	Feb 16	Demo: advanced soldering
4		Work on piece/ individual meetings
5	Feb 23	Last day to work on piece
5		Work on piece/ individual meetings
6	March 2	**Project 1 due at the beginning of class**
6		Introduction to Project 2- Etching Homework: Designs for etching
7	March 9	Intro to etching
7		Work on etchings Homework: photo etching designs due at the beginning of class 3/16
8	March 16	Demo: photo etching
8		Work on etchings
9	March 23	Demo: making brooches
9		Work on etching/brooches
10	March 30	**Spring Break**
10		**Cesar Chavez Day**
11	April 6	Demo: finishing your brooches (patinas)
11		Last day to etch! Homework: cloisonné designs due 4/20
12	April 13	**Project 2 due at the beginning of class**
12		Introduction to Project 3
13	April 20	Demo: enameling and counter enamel
13		Demo: cloisonné wire and wet packing

14	April 27	Demo: Stoning and fire polishing
14		Demo: Preparing your fine silver
15	May 4	Demo: tab setting
15		Work on final cloisonné
16	May 11	Final workday
16		Final workday
Final Exam	May 17	**Final critique and cleanup** **Room 210, 7:15 – 9:30 am** **Attendance is mandatory**

*There shall be an appropriate final examination or evaluation at the scheduled time in every course, unless specifically exempted by the college dean who has curricular responsibility for the course.