



Summer Semester 2020
Beginning Metalsmithing

ART F209-F81

CRN: 51018

3 Credits

Location: Fine Arts - Art Room 407

Meeting time: 6-7:30 pm, M-Th

May 18-Aug. 6

UAF is an equal opportunity employer/program and auxiliary aids and services;
services to individuals with disabilities are available upon request.

INSTRUCTOR

Patricia Carlson

Office Hours: Before, after class, and by appointment.

E-mail Address: pecarlson@alaska.edu

COURSE DESCRIPTION

This class introduces students to the basic tools, techniques, and safe practices in the metals studio. Beginning jewelers will find that they will learn a great deal and will make beautiful art in metal with just the basic materials and tools.

COURSE GOALS

Students will learn the proper use, safe practices, and care of studio equipment. They will learn to use hand tools such as the jeweler's saw, file, hammer, pliers, and larger studio tools like the torch, flex shaft, polisher, belt sander, band saw, small drill press, pickle pot, and ultrasonic cleaner. Demonstrations in safe practices while using these machines will allow students to work confidently and independently while in the metals studio.

STUDENT LEARNING OUTCOMES

Students will make ring bands, earrings or pendants, a cylindrical box, and learn to bezel set a cabochon stone in nonferrous metals.

COURSE READINGS/MATERIALS

The Jewelry Maker's Field Guide by Helen Driggs. Read assigned sections for class, and have the entire book read by semester's end. Please keep a sketchbook of your ideas. By drawing ideas in your sketchbook, you will be able to resolve most of your technical problems and communicate your ideas on paper. The studio will provide enough sterling silver for one ring project, and a choice of copper, nickel silver, brass, or bronze for small projects. You will need to purchase materials for large projects. The studio provides a cabochon (or rock slab to make one from), solder, flux, and saw blades for your needs. The basic hand tools are provided for all students. Do not put these in your drawer since everyone uses them! You may purchase additional sterling silver and metal for extensive projects.

TECHNICAL REQUIREMENTS

After my demonstration, students will be checked off on their use of studio equipment before they use it independently. ALWAYS use safety glasses, whether soldering, hammering, sawing - anything. Wearing them will help protect your eyes from broken saw blades, a neighbor's broken drill bit, a splinter of steel, etc.

INSTRUCTIONAL METHODS

Through small group instruction, mini lessons, and close-up demonstrations, and individual help, beginning students will learn how to lay out a design, drill holes, pierce by sawing, file, form, solder, texture, polish, and finish their metal projects.

COURSE PROJECTS

Demonstrations and instruction will be given for the following required Projects:

Week 1-2 : May 18, 25. Read to p. 67 in *Jewelry Maker's Field Guide*.

Project 1 Complete the first sawing, filing and sanding exercise. **Pierced Sheet Twins:** Produce a set of identical items for earrings, pendants, or containers, using a jeweler's saw, file, abrasives and polishing equipment.

Week 3-4, June 1, 8: Read pages 79-114.

Project 2 Make a flat sweat-soldered piece with textured elements. The rolling mill, hydraulic press, or various hammers will be used to add texture, color contrast, and depth.

June 11th. Critique #1. Be ready to show your current work to the class, and be ready to share insights, and inspirations with your fellow students.

Week 5-6, June 15, 22: Read pages 117-126.

Project 3 Pierced Overlay Ring Construction: A double layer ring will be constructed from two strips of metal (one layer to fit a finger and a second layer that has been embellished by piercing, texture, pressing, inlaying, bead blasting, chemical or heat oxidation, or other surfacing technique).

Week 7-8, June 29, July 6: Reread bezel setting a cabochon, p. 120.

Project 4 Bezel Stone Setting (may be combined with a previous or new project).

July 9th: Critique #2

Week 9-10, July 13, 20: Finish reading the book!

Project 5 Cylindrical Container (friction fit or lap joint) with lid. Decorate the metal with hammer textures, rolled texture, piercing, set stones, etc.

Week 11-12, July 27, Aug. 3. Finish all your projects, do another project from the book, and be ready to bring ALL your finished projects to the Final Critique!

Aug. 6, Individual Final Critique this week. Sign up for a critique time and a cleanup job.

COURSE POLICIES

- All students are expected to follow the safety rules of the studio, or they will be asked to leave. Wear closed-toe shoes, tie hair and loose clothing back, wear the proper safety gear (safety glasses, dust masks, leather aprons and casting gloves, dark casting glasses, face shields, and hearing protection, for example). Proper ventilation must be used when soldering, casting, investing, grinding, burning out flasks, and using electric wax pens.
- Being plugged into your phone is a safety hazard! If you need music, leave one ear free to hear me call your name. No one should be watching movies or reading email during studio time. You may leave your phones on, but take calls in the hallway.
- All students will be responsible for the cleanup of their work areas as well as a portion of the common work area, machines, and tools. Use the

broom, dustpan, sponge, and paper towels to clean up our area. We all enjoy working in a tidy studio, so we expect you to do your part.

- Learn how to use the equipment from the instructor. All students must have learned how to safely use the studio tools and machines before independent use. Intentional misuse of any tool is dangerous and costly. Students who do so will pay for the damage. Students will sign off on safety completion.
- The pickle pot must be unplugged before everyone leaves, or it is a fire hazard. The gas and oxygen must also be turned off. If you have not been instructed how to do this, do not attempt to do it.
- All students must notify the instructor immediately if they are hurt.
- Come to class on time, and stay for the whole period. Only current registered metals students can work in this studio!

EVALUATION POLICIES

- The studio will hold critiques as a whole. Students are expected to participate by showing their work, asking questions, and giving constructive feedback.
- Students are required to save ALL Projects for a final grade at the end of the semester. Students will meet individually with the instructor for the Final Critique, which will make up 70% of the grade. Class attendance and participation will make up the remaining 30%.
- Grading scale:
 - A = 90-100% Complete all projects with attention to detail and final finish, attend and participate in all critiques, fill up your sketchbook, and attend all classes.
 - B = 80-89% Complete 4 projects; other factors are lacking (attention to detail, sketchbook, critique participation, attendance, etc.).
 - C = 70-79% Complete 3 projects; other factors are lacking.
 - D = 60-69% Complete 2 projects; other factors are lacking.

EXPLANATION OF NB/I/W GRADES

This course adheres to the UAF regarding the granting of NB Grades. The NB grade is for use only in situations in which the instructor has No Basis upon which to assign a grade.

Your instructor follows the University of Alaska Fairbanks Incomplete Grade Policy: "The letter "I" (Incomplete) is a temporary grade used to indicate that the student has satisfactorily completed (C or better) the majority of work in a course but for personal reasons beyond the student's control, such as sickness, he has not been able to complete the course during the regular semester. Negligence and indifference are not acceptable reasons for an "I" grade."

INSTRUCTOR RESPONSE TIME

Students may email me at any time with questions about assignments. I will often respond within an hour or the next day, depending on when the message was sent.

EFFORT AND STUDENT INVOLVEMENT

This class is a Studio Course that meets with the instructor six hours per week. You are required to work an additional 6 hours, for a total of 12 hours of classroom/studio time per week. The studio is accessible 24 hours per day to registered metals students, and will be available except when other classes are in session.

ACADEMIC INTEGRITY

As described by UAF, scholastic dishonesty constitutes a violation of the university rules and regulations and is punishable according to the procedures outlined by UAF. For this course, not doing your own work, not giving credit to artists who influenced you, and generally not being original with your ideas is scholastic dishonesty. Scholastic dishonesty is punishable by removal from the course and a grade of "F." For more information go to Student Code of Conduct. (<http://uaf.edu/usa/student-resources/conduct>)

DISABILITIES SERVICES

The UAF Office of Disability Services, a part of UAF's Center for Health and Counseling, provides academic accommodations to enrolled students who are identified as being eligible for these services. The Office of Disability Services implements the Americans with Disabilities Act (ADA), and ensures that UAF students have equal access to the campus and course materials. As the instructor of this course, I will provide reasonable accommodation to students with disabilities. If you believe you are eligible, please visit the web site at UAF Disability Services.

907-474-5655 phone
907-474-5688 fax
uaf-disability-services@alaska.edu
www.uaf.edu/disabilityservices

TITLE IX PROTECTION

University of Alaska Board of Regents have clearly stated in BOR Policy that discrimination, harassment and violence will not be tolerated on any campus of the University of Alaska. For more information please visit <https://uaf.edu/titleix>.

If you believe you are experiencing discrimination or any form of harassment including sexual harassment/misconduct/assault, you are encouraged to report that behavior. If you report to a faculty member or any university employee, they must notify the UAF Title IX Coordinator about the basic facts of the incident.

Your choices for reporting include:

1. You may access confidential counseling by contacting the UAF Health & Counseling Center at 474-7043;
2. You may access support and file a Title IX report by contacting the UAF Title IX Coordinator at 474-6600;
3. You may file a criminal complaint by contacting the University Police Department at 474-7721.