Course Description:
This is an advanced course in metalworking and jewelry. This class consists of demonstrations, discussion, lecture, quizzes, and hands-on practice, in which emphasis is placed on learning specific techniques and finishing practices. The student will be encouraged to pursue his/her own personal direction and ideas. It is essential for students to attend and work diligently every session. With hard work and patience, each student will gain appreciation for the art of working with metal.

Content for the course are on Brightspace d2l.

Course Contact Hours:
For a 3-credit course, you will have roughly 6 hours of contact each week and you will need to work at least 6-9 hours outside of class per week.

Student Learning Outcomes:
• Knowledge- Student will define and state knowledge obtained about the history of the metals field, names of tools, historic context, and basic knowledge of the properties of working with metal.
• Synthesis- Student will combine his/her knowledge of skills, craftsmanship, content drivers, historic references and design principles to create and invent their own art forms.
• Analysis and Evaluation- Through the practice of working critiques and final critiques, student will be able to discuss, share, contrast and comprehend the successes and difficulties in each work.
• Psychomotor- Student will learn to assemble, construct, fabricate and manipulate multiple materials using hand and machine tools using traditional and contemporary techniques with consideration for safety rules.

Program Learning Outcomes:
• Undergraduate students will demonstrate proficiency in studio foundation skills as they relate to the elements and principles of design.
• Undergraduate students will exhibit a high level of proficiency in the use of materials, techniques and media.
• Undergraduate students will demonstrate understanding of contemporary art issues through exploration of synthesis of content, problem solving and creativity.
• Undergraduate students will define and state knowledge of Art Historical precedents.

Course Requirements & Attendance:
Attendance is crucial. Activities in class cannot be repeated and your participation benefits the overall quality of the course.

Class time cannot be made up; therefore, more than 3 absences will result in the loss of one full letter grade from the final grade. Your grade will continue to drop a letter grade with each additional absence. Arrive on time and participate the entire time. Three late arrivals or early departures result in one absence. Please contact me to make arrangements for emergencies.

The instructor reserves the rights to change, delete, or add to the course requirements and schedule at any time.
Course Requirements
- Missing a critique will dramatically affect your grade for that project. Make sure to turn your work in on time and participate in the critique.
- The last 15 minutes of every class are devoted to group clean-up.
- Keep desks clear of unnecessary clutter. You are not allowed to store your materials on top of the desk, in the dustbin, or anywhere in the studio.
If for some reason you cannot attend a class, contact me via e-mail prior to class.

Open Studio:
Students will be given access to the studio. Two students must be working in the studio at all times. There will be a calendar of advanced students who will be monitoring the studio. You are there to make sure the space is properly shut down and everyone follows safety rules. The 24/7 studio access will be taken away if the space and tools are abused.

Assignments:
All assignments are due at the beginning of class the day of the specified due date, unless otherwise instructed. All students are expected to participate in critiques, even if their work is unfinished. You will be able to re-submit all work (besides the final) as long as your original project was submitted on time.

Extra Credit:
There will be an opportunity to write two papers to earn up to ten points each. The paper should be a well-written 2-3 page paper about a contemporary artist in the metals and jewelry field. At least two sources are required. Make sure to include at least one pictorial example of your artist’s work. The paper must be well written and grammatically correct. Last day for extra credit and resubmissions are Dec 4.

Grading/Projects:
Your grade will be based on your effectiveness to understand and apply the learning outcomes listed above. All grades and rubrics will be posted on Brightspace d2l.

Grading Scale:
Letter grades are assigned according to the following scale for the Final Grade
A (90-100) B (80 – 89.9) C (70-79.9) D (60-69.9) F (0-59.9)

Projects
Project 1- Broach casting trade
Project 2- Carved cast rings
Project 3- Jewelry Line
Project 4- Independent Work

Criteria for grading is based on originality, quality of finished projects, design concepts, preparedness, craftsmanship, effort, attendance, sketchbook, critique participation, development and improvement of skills, and involvement with studio’s clean-up. We clean in the last 15 minutes every class.

Recommended Textbook:
The Complete Metalsmith, by Tim McCreight
Practical Casting, by Tim McCreight

Recommended Manufacturers:
http://www.riogrande.com
http://www.ottofrei.com
### Example of Grading Rubric

Grades are all posted on d2l.

<table>
<thead>
<tr>
<th></th>
<th>0-5</th>
<th>6-12</th>
<th>13-17</th>
<th>18-20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample HME and sample of rivets</td>
<td>Student completed partial elements of the samples</td>
<td>Student completed parts of the sample pieces, but didn’t fully file sand or finish</td>
<td>Student completed samples with a few craftsmanship issues</td>
<td>Student created samples to completion with strong craftsmanship.</td>
</tr>
<tr>
<td>Design and problem solving</td>
<td>Lacked creativity and student didn’t react to technical problems that occurred.</td>
<td>Piece needed more individuality but design was considered and problem solving occurred.</td>
<td>Student had fair design and solved technical issues that arose while making.</td>
<td>Found creative way of creating the piece and solved multiple technical issues.</td>
</tr>
<tr>
<td>Craftsmanship of rivets</td>
<td>Rivets executed poorly. Rivets were done with many mistakes and were not structurally sound</td>
<td>Rivets are created with few mistakes</td>
<td>Rivets are excellent with little or no mistakes.</td>
<td></td>
</tr>
<tr>
<td>Craftsmanship of filing, sawing and sanding</td>
<td>Poor sawing, filing and sanding. The edges of the work are filing poorly which effects the overall composition.</td>
<td>Satisfactory sawing, piercing, filing and sanding.</td>
<td>Excellent sawing and piercing, edges were filed with care and sanded to finish the form.</td>
<td></td>
</tr>
<tr>
<td>Texture and finishing</td>
<td>Student did not use texture for contrast in their work and left the piece with poor finishing. Student used texture but left the overall images unfinished.</td>
<td>Satisfactory finishing and texture.</td>
<td>Excellent finishing. Piece is well sanded and finish was addressed. Texture added to the form.</td>
<td></td>
</tr>
<tr>
<td>Nice problem solving throughout piece.</td>
<td></td>
<td></td>
<td>92/100</td>
<td></td>
</tr>
</tbody>
</table>

### General Supplies Needed:
- Safety Glasses
- Sandpaper (220, 320, 400)
- Sharpie Marker Extra Fine
- Sketchbook

### Withheld Grades:
Semester Grades Policy (5.5)
Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the coursework because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course to compute the grade point average. For additional information, go to https://www.sfasu.edu/policies/course-grades-5.5.pdf.

### Calendar
- 8/28: Classes begin
- 9/4: Wax carvings due
- 10/2: Project 1 due
- 10/18: Project 2 due
- 10/24: Refined exhibition
- 11/15: Project 3 due
- 11/18-11/26: Thanksgiving
- 12/11: Final Exam Project: 8:00-10:00

### Safety
1. Use common sense. Be aware of your surroundings. Always have 2 people in the room.
2. Only students enrolled in metals classes are allowed in the studio. An outside person is never allowed to use tools unless otherwise instructed by the professor.
3. No open toed shoes! I will ask you to leave if you have sandals.
4. You must have current TETANUS INOCULATIONS.
5. Know the location of the eyewash, med kit, fire extinguisher, showers, baking soda, and telephone. If anything happens and you can reach the gas safely, turn it off.
6. Keep hair tied back at all times. If loose clothing can’t be tucked in, an apron is suggested.
7. Don’t come to class under the influence of drugs or alcohol, you will be asked to leave and will be responsible for any material that you have missed.
8. Don’t use tools without instruction. You may not bring chemicals, tools or other metals into the studio without the professor’s approval.
9. You must remove headphones when the professor is speaking, presentations are given and ANY time you are using your flex shaft, rotary tool or torch. Put phone away when you enter.
10. Your consideration for others and professionalism in the classroom and/or online is expected.
Course Evaluations:
Near the conclusion of each semester, students in the School of Art electronically evaluate courses taken within the MECoFA. As you evaluate this course, please be thoughtful, thorough, and accurate in completing the evaluation.

Mental Health and Wellness
SFA values students’ mental health and the role it plays in academic and overall student success. SFA provides a variety of resources to support students’ mental health and wellness. Many of these resources are free, and all of them are confidential.

On-campus Resources:
SFA Counseling Service
www.sfasu.edu/counselingservices
Health and Wellness Hub (corner of E. College and Raguet) 936.468.2401

SFA Human Services Counseling Clinic
www.sfasu.edu/humanservices/139.asp
Human Services, Room 202 936.468.1041

Crisis Resources:
Burke 24-hour crisis line: 1.800.392.8343S
National Suicide Crisis Prevention: 9-8-8
Suicide Prevention Lifeline: 1.800.273.TALK (8255)
Crisis Text Line: Text HELLO to 741-741