Jewelry and Metals

COURSE NUMBER  ABAH 135
ROOM  T 6–10 pm
CLASS TIMES  EUNKYUNG SUH
INSTRUCTOR  esuh@d.umn.edu
CONTACT  ABAH 131
OFFICE  218.726.7450
PHONE  T 10–12 & Th 10–11 or by
OFFICE HOURS  appointment

Course Description
This course offers an introduction to the technical and conceptual understanding needed to create jewelry and metal arts. Course objectives will emphasize development of three dimensional design concepts and metal working methods for the manipulation of metals.

**Course Objectives**

The student will be introduced to terms, techniques, materials concepts used to create jewelry and metal arts

Students will apply **three dimensional design elements and**

to develop the form of jewelry and metal arts

Students will develop and refine technical skills

**Course Structure**

Technical demonstrations, lectures, slide presentations, studio time, group and individual critiques

**Textbook**

*Complete metalsmithing* by Tim McReight

**Requirement**

Attendance and substantial participation in all class projects, critiques and discussions

Completion of projects and presentation on scheduled due dates

**Attendance**

Regular attendance is expected. Arriving on time and staying for the entire class are important. During the session, you will be allowed 1 unexcused absence. Any absences beyond these will result in the lowering of your final grade by one full letter grade for each class period missed. An excused absence requires official documentation.

**Grading**

A- Outstanding effort and work in and outside of class
B- Very Good work and effort, clearly above the minimum requirements
C- Good and average work, meeting all requirements
D- Below average and contributing less than the required effort
F- Not enough work to justify credit for the course

**Projects**

<table>
<thead>
<tr>
<th>Project</th>
<th>Percentage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 1</td>
<td>(20%)</td>
<td>Silent forming</td>
</tr>
<tr>
<td>Project 2</td>
<td>(20%)</td>
<td>Cold connection</td>
</tr>
<tr>
<td>Project 3</td>
<td>(25%)</td>
<td>Fabrication</td>
</tr>
<tr>
<td>Casting</td>
<td>(10%)</td>
<td></td>
</tr>
<tr>
<td>Assignments</td>
<td>(15%)</td>
<td></td>
</tr>
<tr>
<td>Research</td>
<td>(5%)</td>
<td></td>
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<tr>
<td>Pop Quiz</td>
<td>(5%)</td>
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</tr>
</tbody>
</table>

Students will be expected to focus on the development of a variety of techniques demonstrated in class and required to apply a set of techniques for each project as instructed. Projects must be researched, developed and refined in sketchbook. Each project will be evaluated based on originality, aesthetics, technical skill, fulfillment of each project requirements and participation in class discussion

**Supplies**
Clipped solder soft, med, hard
Jeweler saw frame and blades
6” flat file
Metal sheets (aluminum, copper, brass, sterling silver, nickel
silver)
Metal rods and/or tubing’s
Abrasive paper (course, medium, fine)
Sketchbook (Pro Art, Artist tools & Supplies)
Dusk mask
Black 1” 3-ring binder
Acetate sleeves
Casting wax
A set of jewelry pliers
Mandrels
Bezel wire 1/8” wide
Jewelry findings like pin backs.
Steel wool
Metal ruler

Policies

Inappropriate use of technology in the classroom will not be allowed.
Examples include ringing cell phones, text-videos, playing computer games, your computer or
other instructor-sanctioned activities. This class
upholds maintenance of respect for all people, any age, race, religion,
sexual orientation, culture, disability, or belief system. Anyone not
abiding by this will not be allowed in the class. Persistence of
disrespect of any kind, especially to the instructor or classmates,
will not be tolerated and could lead to expulsion from
the class or formal disciplinary action.

Please let me know if you have any special needs or limitations, which could prevent you from fulfilling the requirements of the class.

Saw Blade Specifications

<table>
<thead>
<tr>
<th>Blade size for piercing</th>
<th>Blade thickness</th>
<th>Blade depth</th>
<th>Teeth per inch</th>
<th>Recommended gauge</th>
<th>Drill Size</th>
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<td>.0126*</td>
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**SPRING Course Schedule**

1. Jan 17  Intro to art 2500 & Studio, Tool demo
2. Jan 24  *Shaping 1*
3. Jan 31  *Surface 1*
4. Feb 7   *Joining 1*
5. Feb 14  Workday
6. Feb 21  Project 1 due / Presentation
7. Feb 28  *Surface 2*
8. Mar 6   *Joining 2*
9. Mar 13  Spring Break
10. Mar 20 Workday
11. Mar 27 Project 2 due / Presentation
12. Apr 3  *Casting 1*
13. Apr 10 *Casting 2 R*
14. Apr 17 Workday
15. Apr 24 Workday
16. May 1  Project 3 due / Presentation
FALL Course schedule

1. Sep 8  
   Intro to art 2500, studio tour
2. Sep 15  
   Shaping 1, Tool demo
3. Sep 22  
   Surface 1
4. Sep 29  
   Joining 1
5. Oct 6  
   Workday
6. Oct 13  
   Project 1 due/presentation
7. Oct 20  
   Surface 2
8. Oct 27  
   Joining 2
9. Nov 3  
   Workday
10. Nov 10  
    Surface 3
11. Nov 17  
    Project 2 due/presentation 2
12. Nov 24  
    Research
13. Dec 1  
    Workday
14. Dec 8  
    Workday
15. Dec 15  
    Project 3 due/presentation 3
16. Dec 20 (M) 6pm  
    Final exam