

Jewelry and Metals

COURSE NUMBER	ABAH 135
ROOM	T 6~10 pm
CLASS TIMES	EUN-KYUNG 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

ART2500

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 and principles arts

The student will be introduced to terms, techniques, materials and 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 work

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

Textbook

Complete metalsmithing by Tim McCreight

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

Project 1	(20%)	Silent forming
Project 2	(20%)	Cold connection
Project 3	(25%)	Fabrication
Casting	(10%)	
Assignments	(15%)	
Research	(5%)	
Pop Quiz	(5%)	

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-messaging, watching videos, playing computer games, doing email, surfing the Internet on 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

Blade size for piercing	Blade thickness	Blade depth	Teeth per inch	Recommended gauge	Drill Size
8/0	.0063"	.0126"	89.0	up to 26	80
7/0	.0067"	.0130"	84.0	24~26	80
6/0	.0070"	.0140"	76.0	24	78
5/0	.0080"	.0157"	71.0	22~24	78
4/0	.0086"	.0175"	66.0	22	77
3/0	.0095"	.0190"	61.0	22	76
2/0	.0103"	.0204"	56.0	20~22	75
1/0	.110"	.0220"	53.5	18~22	73
1	.0120"	.0240"	51.0	18~20	71
2	.0134"	.0276"	43.0	16~18	70
3	.0140"	.0290"	40.5	16~18	68
4	.0150"	.0307"	38.0	16~18	67
5	.0158"	.0331"	35.5	16	65
6	.0173"	.0370"	33.0	14	58
7	.0189"	.0400"	30.5	12	57
8	.0197"	.0440"	28.0	12	

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

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|--------------------|-------------------------------------|
| 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 |