ART O75: BEGINNING METALSMITHING
Fall 2010

Professor: Dr. DJ Frye
Office: 185 Kadema Hall
Office Hours: Monday/Wednesday 3:00-4:30
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ADD/DROP: Refer to the on-line version of the Registration and Advising Handbook for add/drop procedures.

COURSE OUTLINE: Introduction to techniques, tools, and methods used in fabrication of ferrous and non-ferrous metal, such as piercing, riveting, soldering, forging, and finishing process. Emphasis is on composition and imagery. Fee course. G. E. C4. 3 units.

COURSE CONTENT: This course is intended to allow the student an opportunity to explore basic concepts, techniques, and processes of metalsmithing. Students will explore metal as a medium in creating form.

GOALS: Major goals for a student in this class include abilities to:
1. develop a critical awareness of values, concepts, and tolerances through student’s own work and fellow classmates' works;
2. distinguish between well crafted and conceived work and poorly crafted and conceived work;
3. demonstrate a knowledge of media, tools, and techniques through creation of finished works;
4. develop multiple approaches to problem solving.

REQUIREMENTS:
1. All students are required to keep a sketchbook of all processes and techniques demonstrated in class lectures and handouts. Designs for work are to also be kept in this notebook.
2. Students are permitted three unexcused absences from class. Late studio work, severe lack of class participation or contribution to the class community, or repeated absences will result in the lowering of student grades.
3. Each student is expected to participate in class critiques. Critiques will be used as medial summaries to provide critical assessment and alternative solutions for problem solving of student works.
4. Students will write a typed artist statement explaining the basic concepts expressed through their work. In the case of multi-directional artwork, the student will develop multiple explanations-one for each work submitted. Or the student may develop one over-arching theme in which all of the artworks created fit.
5. Safety is of the utmost importance. Safety glasses or goggles are required.
6. Students are required to purchase the following equipment: jeweler’s saw frame and flat hand file. Students will also need to purchase the following grits of sandpaper: 240, 320, and 400.
GRADING CRITERIA:

- pierce work 20
- solder project 10
- 4 designs 10
- sketchbook 10
- artist statement 15
- hammer study 20
- surface treatment study 15
- forging study 20
- spiculum study 20
- hollow form (box) 35
- raised spherical form 35
- culminating project 50
- critiques 3 at 5 points each 15

Total 275

Grades are assessed by the following: use of elements and principles of art, understanding of supplies, personal expression, craftsmanship (or craftswomanship), presentation, and originality.

**Grading Scale:**
- 275-261 = A (95%)
- 260-247 = A- (90%)
- 246-239 = B+ (87%)
- 238-231 = B (84%)
- 230-220 = B- (80%)
- 219-211 = C+ (77%)
- 210-203 = C (74%)
- 202-192 = C- (70%)
- 191-184 = D+ (67%)
- 183-176 = D (64%)
- 175-165 = D- (60%)
- 164-0 = F

A student can earn extra credit points by polishing dimpled stakes. Depending upon the condition of the stake, extra credit points can range between 5 – 20 points.

Students may wish to supplement their supplies with:
- a storage box
- lock (for locker)
- personal tools
- rubber cement
- small containers
- (for solder)
- tracing paper

*Students must purchase silver separately. Students may make special orders of equipment and supplies through the supply catalog.*

Pearson’s Jewelry Supply has agreed to provide students a discount for supplies and materials. You will need to show your discount card (you can get this from the professor) in order to receive your discount. Your jewelry packet can be purchased from them.

**Directions to Pearson's:**

Take Interstate 80 East to Madison. Take a right onto Madison. You will want to move into the left had lane. You will go through 2 stoplights (Data and College). At the third light, Auburn, make a left. At the first stop light on Auburn, make another left. This is Hemlock. On Hemlock, you will see a strip mall on the left-hand side. The store on the left-hand side is Pearson”. Pearson's is not open on Mondays. It is open Tuesday through Saturday.

The professor reserves the right to subtract points from any students' grade total in the event the student has repeated unexcused absences, late papers or studio projects, severe lack of class participation, or contribution to the class community.

Toxic materials, vapors, gasses and dangerous machinery are potential health hazards in art studios. Students are urged to familiarize themselves with possible hazards and to utilize all available equipment and techniques to minimize hazards. Persons with respiratory problems, pregnant women and those placed under physical restriction by their physician must make their condition known to the instructor.
Please note: In Art studio courses, where all or most of the work must be accomplished in the University art studio facilities, three hours per week of reserved studio time and space per credit hour is reserved. In introductory courses, faculty meet with students for six contact hours per week. Students are afforded sufficient and convenient access to studio space to allow for completion of all required work.
Course Outline

August
31 Introduction
   Expectations

September
2 Form as a Foundation
   Assignment: Hammer study
   Critique I
   Principles of Design
   Assignment: Create 4 rough drawings as a proposal for the culminating project. Drawings must include consideration of surface treatment as well as principles of design. Final projects must be approved by the professor. Designs should be discussed with professor BEFORE October 19.

7 Studio guidelines/basic equipment
   Metal cutting
   basic equipment: saw, file, drill, and sand paper
   Assignment: create a design for a piece of flat metal incorporating beveled edges and pierce work.
   Due: September 23.
   • students must have purchased saw frame and hand files for this class.

9 Basic equipment studio

14 Soldering
   Heat and metal
   Assignment: solder together two pieces of flat metal and a post (wire) incorporating the graduated soldering technique.
   Due: September 23.

16 Soldering studio

21 Surface Treatment
   roller printing, stamping, and embossing
   Assignment: create 3 designs using each of the techniques demonstrated in class (stamping, roller printing, and chasing). Each design should fill a 2 x 2” piece of copper.
   Due: October 5.
   Study Projects Due (points will be deducted for late projects)

23 Surface treatment studio

28 Forming I
   Assignment: Forge a square, wave, and twist.
   Due: October 14.
   Assignment: Design and create a multi-sides box incorporating surface treatment that enhances the form.
   Due: December 9.
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<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
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<tr>
<td>30</td>
<td>October Forming I studio</td>
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December

2  Open studio
   Work that was not completed earlier during the semester can be completed at
   this time.

7  Open studio

9  **All projects are due.** Be sure to hand in your sketchbook - it is worth 10
   points of your grade. **Studio Clean-Up** (The final grade will be lowered for those who do
   not participate)

16 Final Class 5:15 – 7:15