

## **Metals I – Fall 2017**

### **Course Information**

**Course title** – METALS I

**Course prefix and number** – MTL 2303

**Course Section number** – 11656

**Course meeting location** – Fox Fine Arts room 154

**Course meeting times** – Mondays and Wednesdays – 1:30pm to 4:20pm

### **Instructor Contact Information**

**Instructor's name** – Anna Jaquez

**Instructor's office #** – Fox A 261

**Instructor's office hours** – Tuesdays and Thursdays – 8:00am to 9:00am

**Instructor's phone # & e-mail** – 915 -747-7844 arjaquez@utep.edu

### **Instructor Introduction**

Your instructor for this course, Anna Jaquez, has been making and exhibiting sculpture for the past 24 years. She holds 3 degrees including a BFA and an MA in Metals from The University of Texas at El Paso and an MFA from New Mexico State University in Metals. She has exhibited and lectured in several museums, galleries, and schools. Her work has been published several times and is included in The Bilingual Press' project, *Contemporary Chicana and Chicano Art: Artists, Works, Culture, and Education*. The most recent publication, *Art of West Texas: A Celebration* was released in April 2010. She recently worked with the city of El Paso for two years on a public art piece, which unfortunately was never completed due to lack of money. She is a lecturer in the Art Department at UTEP and has been since 1993.

### **Course Description**

The intent of Metals I is to explore the thought processes and sensibilities inherent to the medium of metalsmithing through a series of assigned problems during the semester. In Metals I students are expected to develop competency in execution of basic metalsmithing techniques. A technical working vocabulary will be developed during the semester. Techniques covered include, but are not limited to, sawing, simple forming, silver soldering, cold connections, surface finishes, surface texturing treatments and metal patination. All techniques that are required in assigned creative and technical problems will be demonstrated in class.

### **Course Prerequisite Information**

Prerequisites for this course are all four foundation classes, ARTF 1301, 1302, 1303, and 1304.

### **Course Goals and Objectives**

- Development and understanding of the basic terminology of metalsmithing.
- Development and understanding of basic metalsmithing techniques.
- Development and understanding of basic technical metalsmithing skills such as sawing, simple forming, silver soldering, cold connections, surface finishes, surface texturing treatments and metal patination.
- Further development of good craftsmanship and working habits learned in the foundation classes needed to achieve strong 3-dimensional visual statements.

## Course Outcomes

Students who complete the course will be able to:

- Create properly composed, well balanced 3-dimensional designs using metal and various materials.
- Effectively use basic metalsmithing terminology to express their ideas verbally.
- Identify and recognize a well crafted piece of art.
- Effectively apply basic metalsmithing skills and techniques such as sawing, simple forming, silver soldering, cold connections, surface finishes, surface texturing treatments and metal patination to create their own 3-dimensional statements.

## Incompletes, Withdrawals, Pass/Fail

- Incompletes or "I" grades will be considered for students completing satisfactory or better work and having serious legitimate situations beyond their control requiring additional time to complete the course requirements. All "I" grades are at the discretion of the instructor and the approval of the Department chair.
- Students hold the full responsibility for withdrawing from this course if that procedure is elected. Withdrawals must be completed on or before the final date to drop a course with a W. Students missing this deadline will be issued a grade for the performance in the course.
- This is a grade-based course and is not available for audit or pass/fail options.
- This course is not available for graduate credit.

## Plagiarism/Academic Dishonesty Statement

**Cheating/Plagiarism:** Cheating is unethical and not acceptable. Plagiarism is using information or original wording in a paper without giving credit to the source of that information or wording; it is also not acceptable. Do not submit work under your name that you did not do yourself. You may not submit work for this class that you did for another class. If you are found to be cheating or plagiarizing, you will be subject to disciplinary action, per UTEP catalog policy. Refer to <http://www.utep.edu/dos/acadintg.htm> for further information.

## Disabilities Statement

**Disabilities:** I will make any reasonable accommodations for students with limitations due to disabilities, including learning disabilities. Please see me personally before or after class in the first two weeks or make an appointment, to discuss any special needs you might have. If you have a documented disability and require specific accommodations, you will need to contact the Disabled Student Services Office in the East Union Bldg., Room 106 within the first two weeks of classes. The Disabled Student Services Office can also be reached in the following ways:

Web: <http://www.utep.edu/dsso>  
Phone: (915) 747-5148 voice or TTY  
Fax: (915) 747-8712  
E-Mail: [dss@utep.edu](mailto:dss@utep.edu)

## Assignments

There will be six assignments given during the semester. Four *technical* assignments will be required at the beginning of the semester. Two major *creative* problems will also be required for the semester. One problem will include the exploration of jewelry using soldering and cold connections, considering how the human body's function and form relate to the piece. The second creative piece will be a small hollow form incorporating movement.

### Critiques

Two critiques are scheduled with advance notice each semester to coincide with the completion of each of the two creative problems. Attendance with completed project and **participation is mandatory and each critique is considered to be your exam**. All assignments will be turned in at the completion of critique. Absence from a scheduled critique will result in an F for the assigned project. Critiques are used to gauge your understanding of the core concepts covered for that project and cumulatively throughout the semester, therefore failure to participate (critique and discuss your work and the work of your fellow students) will result in a failing grade for the assignment.

### Course Evaluation

The two creative problems will be graded upon the scheduled completion of the assignment. A grade will be given for each of these two problems. One grade will be given for the successful completion of all four technical assignments. All grades are of equal weight and will be averaged together for a final semester grade. The four technical assignments will be graded on successful completion of the given technical requirements. The two creative problems will be evaluated on the following criteria: creative original approach to solving the problem, clearly expressed final product, strong craftsmanship in constructing the art works, completion of project on scheduled due date. Simple completion of an assignment will earn a grade of C or lower. Higher grades will be awarded to finished art works that show evidence of working assigned problems past easy or immediate solutions, in depth conceptual exploration and notable technical effort. Students will receive a letter grade for each assignment turned in and at the conclusion of the semester **all** grades will be averaged using the following scale:

A+	12
A	11
A-	10
B+	9
B	8
B-	7
C+	6
C	5
C-	4
D+	3
D	2
D-	1

### Attendance

This class meets Mondays and Wednesdays and will begin promptly at 1:30 pm and runs for two hours and fifty minutes. Students are expected to attend and **WORK** the full class period. In order to create a more production working atmosphere discussion in class with peers must be art or project related. Students must come to class **prepared** to work and will not be excused from class to purchase materials or for outside appointments. Students will be expected to arrange all appointments (Doctor's, Work related, etc.) around this class. The Art Department policy on attendance is as follows:

*Students are allowed three absences, the fourth absence will result in their final semester grade being lowered one full grade, a fifth absence will lower the final semester grade another full grade. With five or more absences a student may be dropped from the class. Students will receive one-half an absence for arriving to class late or leaving class early.*

This departmental policy will be adhered to strictly. Attendance will be taken daily.

### Music

Music is not allowed during any instruction, lecture, or during critique. Students may listen to music at a low volume with headphones during any other class time as long as it does not disturb other students.

### Visitors

Guests of the metals students are not allowed in the metals studios on class days.

### Cell Phones

All cell phones must be on silent mode during the ENTIRE class period. The use of cells is absolutely prohibited during any lecture or critique. Please refrain from using them during class except for extreme emergencies. Abusers of this privilege will be asked to leave the class and will be counted absent for the day.

### Telephone

The studio phone IS NOT available for student use during scheduled classes. This includes incoming and outgoing calls.

### Studio Responsibilities

The last student to leave the studio will be responsible for turning off all equipment, including pickle pots, hot plates, ventilation, bleeding all oxygen and gas lines (whether or not you have been using them), turning off all lights and locking the main classroom doors.

### Safety

When operating electric equipment that is motor driven always **remove loose jewelry, pull back and pin up long hair, tighten down loose clothing articles**. The same care should be taken when operating gas torches. You should wear goggles at all times.

**No food or drinks will be allowed at any time in the studio. You must consume all food and beverages in the hall. Do not bring in any glasses/bottles of water, even if you do not plan on drinking it!**

**No shorts or sandals will be allowed to be worn at any time in the studio. You must wear closed shoes at all times.**

If you are working with chemicals be sure you've had instructions on mixing them properly. Work in a ventilated area. Wear rubber gloves, goggles or a face shield and a chemical respirator if necessary. Keep all food and beverages from the area.

**Put away all tools when you have finished using them**, turn off all equipment that you have been using and **clean up after yourself** while you are working so a hazardous situation is not created for another student.

If you or another student has some type of serious accident **call campus police at 5611** if the instructor is not available to do so for you.

**DO NOT USE ANY EQUIPMENT THAT HAS NOT BEEN DEMONSTRATED TO YOU BY THE CLASS INSTRUCTOR.**

### Supply List

This is a list of the materials needed to start the class.

- saw blades: size #2/0 - 1 dozen, #3/0 - one dozen
- 3 drill bits: #51, #55, #59
- needle files: triangular, half-round, round
- wet/dry sandpaper (black in color): 1 sheet each of 220,320,400,500
- #0000 steel wool
- silver solder: a 1" piece each of easy, medium and hard
- center punch
- tweezers: must have long tapered, pointed ends
- one jar non-fluoride paste flux for silver soldering
- one small, soft paint brush
- one jar of liquid paper: label must be marked For Copiers Only
- one dozen T-pins
- needle nose jewelers pliers, smooth jawed
- masking tape
- toolbox or shoe box
- sketchbook
- metal as needed for assignments
- dust masks and goggles

### Suppliers

- Perkins 1124 E. Yandell, 10% discount with student ID on most supplies
- Armor Metals 9925 Carnegie

### Tool Loan

The art department loans to you the following tools for the semester:

- 5" jewelers saw frame
- large half round file

You will also have access to a designated tool pouch filled with various tools. We will discuss the specifics of these tools on the first day of class. You are responsible for the good care of all these tools during the semester. If you lose one you must replace it with a tool of equal quality. (These tools run approximately \$15 plus each). **All tools must be turned in during your final class period. Lost tools must be replaced on this day, if not you will receive an F for your semester grade.**

### **Book (not required)**

The Complete Metalsmith by Tim McCreight (ISBN: 978-1929565054)

The Complete Metalsmith: An Illustrated Handbook by Tim McCreight (ISBN: 978-0871922403)

### **Phone Numbers of Fellow Classmates:**

**\*\* Course Evaluation must be filled out on-line at the conclusion of this course\*\***