

# ASTU 2401: Beginning Metalsmithing

Room 170 Art Building

**Instructor:** Su Jackson

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**Office:** 170 Art Building

**Office hours:** 10-11 am Monday & Wednesday or by appointment

## Catalog Description:

Design, construction, and forming using basic techniques with an emphasis on sculptural forms and containers. Prerequisites: 2 of the following: ART 1600, ART 1700, ART 1800

## Course Description:

An introductory course in metalsmithing that explores the techniques, terminology, and processes of working with metal. Students will receive instruction on sawing, soldering, shaping metal, finishing metal, creating cold connections, and adding color to metal through enameling.

**Required Textbook:** *The Complete Metalsmith*, any edition, Tim McCreight

## Course Goals & Outcomes:

Goals	Outcomes
Acquire basic metalsmithing skills to fabricate a variety of forms in metal	Apply knowledge of fabrication techniques to create art pieces that are pierced, soldered, and properly finished.
Attain a working knowledge of basic metalworking tools and their function.	Apply understanding of the function of common metalworking tools to properly fold, form, and shape metal into a finished work of art.
Understand the safety measures necessary to ensure a safe working environment.	Adhere to safety guidelines to prevent harm and injury during lab work.
Understand the history of metalwork and its impact on current design methods	Utilize historical influences to create innovative designs.
Understand the processes necessary for the successful application of color to metal.	Employ the process of proper enameling techniques to add color to a project.

## **Course Requirements & Grading Breakdown:**

3 Projects:	350 points	67%
Presentation:	50 points	10%
3 Quizzes:	45 points	9%
Samples:	30 points	6%
Final Exam:	25 points	5%
Attendance/Participation:	<u>20 points</u>	<u>4%</u>
	520 points total	100%

## **Course Grading Scale:**

Final grades will be determined by the student's quality of performance in the above course requirements. The following grading scale will determine the students' final grade in the course.

90% - 100%	A	Excellent
80% - 89%	B	Above Average
70% - 79%	C	Average
60% - 69%	D	Inferior
0% - 59%	F	Failure

## **Project Descriptions:**

### Project 1: Literary Luminaria (100 points)

Design and fabricate a cylindrical luminaria based on a work of literature. It will incorporate pierced negative spaces with silhouetted shapes into a single dimensional object.

### Project 2: Articulated Wearable (100 points)

Design and create an articulated wearable that combines multiple elements into a coherent design. The design will incorporate demonstrated techniques in tandem with a researched persona. The piece is not necessarily a direct reflection of the persona, but rather a tribute/embodiment of that person.

### Project 3: Box of the Intangible (150 points)

Design and fabricate a small metal box that is the embodiment of an intangible quality that has personal meaning for you (dream, memory, emotion, personality quality, sound, etc.).

## Course Calendar:

January	12	M	COURSE/STUDIO INTRO, Sawing Demo, work in-class
	14	W	Font Pendant: Work in-class, Project 1: Intro/presentation
	19	M	NO CLASS: MARTIN LUTHER KING JR. HOLIDAY
	21	W	Font Pendant: DUE (beginning of class), Work on maquette
	26	M	Project 1: Maquette DUE (beginning of class), Solder Demo
	28	W	Project 1: Soldering Demo 2, Work in-class
February	2	M	Project 1: Work in-class
	4	W	Project 1: Work in-class (finish all soldering)
	9	M	Project 1: Work in-class (finishing only), <b>QUIZ 1 DUE</b>
	11	W	<b>Project 1: CRITIQUE</b> , Project 2: Intro
	16	M	Project 2: Design review, Texture Demos, Maquette Work
	18	W	Project 2: Maquette DUE, Texture Demos 2
	23	M	Project 2: Riveting Demo, Work in-class
	25	W	Project 2: Work in-class
March	2	M	<b>Project 2: SAMPLES DUE (beginning of class)</b>
	4	W	Project 2: Work in-class
	9-11	M-W	NO CLASS: SPRING BREAK
	16	M	Project 2: Work in-class, <b>QUIZ 2 DUE</b>
	18	W	Project 2: Work in-class (finishing/assembly only)
	23	M	<b>Project 2: CRITIQUE</b> , Project 3: Intro (buy copper rod now!)
	25	W	Project 3: Enameling Demo
	30	M	Project 3: Forging Demo, Work on samples and maquette
	1	W	Project 3: Maquette DUE (beginning of class)
	6	M	Project 3: Order of Operations DUE (end of class)
April	8	W	Project 3: Work in-class
	13	M	Project 3: Work in-class
	15	W	<b>Project 3: Samples DUE (beginning of class)</b>
	20	M	<b>Project 3: Research Presentation DUE</b> , Work in-class
	22	W	Project 3: Work in-class, <b>QUIZ 3 DUE</b>
	27	M	Project 3: Work in-class (all soldering/enameling completed)
	29	W	<b>Project 3: CRITIQUE</b>
May	1	F	READING DAY NO CLASSES
	4	M	TBD FINAL EXAM; Studio Clean-up, Pick up work

**All samples, maquettes, and projects are due at the beginning of class.**

The course schedule reflects expected class progress in course subject matter and is considered tentative. The course schedule is subject to change in content and scope. The instructor will provide verbal and written notice of all syllabus changes.

## **Class Participation Expectations:**

I expect you to attend every class. You are responsible for completing all the required assignments. I expect all students to participate in class discussions, contributing ideas and perspectives on topics or art. All your work should incorporate aspects or issues addressed in class in relation to your personal or professional interests.

You are expected to assist in maintaining a classroom environment that is conducive to learning. To ensure that everyone has an opportunity to gain from time spent in class, unless otherwise approved by the instructor, you are prohibited from using cellular phones, checking your email or surfing the internet, updating your social networking sites, eating or drinking in class, making offensive remarks, sleeping, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in, minimally, a request to leave class, which will be counted as an unexcused absence

## **Attendance Policy:**

Regular and punctual attendance is mandatory.

TWO absences will be tolerated without having a negative impact on your grade.

More than three consecutive absences will require a note from a doctor. Please refer to UNT policy 06.039 (Student Attendance and Authorized Absences) for details on what types of absences can be excused. This note must be turned in within TWO WEEKS of absence to be excused.

**More than TWO absences will lower your final grade by half per additional absence (3 or more)**

Most lectures, demonstrations, and assignments will occur at the beginning of class periods and will not be repeated for those who come in late. If you are late for class, you will need to notify me at the end of the class period to replace an absence with a tardy. A tardy is arrival 5 minutes after the beginning of class.

**Arriving to class later than 15 minutes or leaving class early will result in an absence.**

Examinations, quizzes, and in-class assignments missed may only be made up with an official doctor's excuse or note from the art office excusing the absence for a reason covered under UNT policy 06.039 (Student Attendance and Authorized Absences).

Critiques missed may not be made up and grades will reflect the student's failure to participate in the critique discussions. If the absence is excused, an alternate method for critique will be provided.

*Please contact me if you are unable to attend class. It is important that you communicate with me prior to being absent so I may decide whether to accommodate your request to be excused from class.*

## **Late Work Policy:**

Late work will be subject to a penalty of 10% deducted from the assignment's value per day the work is late, unless the student provides proof of an acceptable mitigating circumstance: serious illness, death of a family member, or other circumstance if approved by the instructor.

## **Best Practices for Health & Safety / Metalsmithing & Jewelry Studio Rules**

Wear appropriate clothing - no loose sleeves, scarves or neck ties, no hanging jewelry.

No open-toed shoes, sandals or bare feet.

Keep long hair tied back.

Keep work benches clear of books, papers and clothing.

Do NOT leave torches lit when not in use.

Do NOT light torches with cigarette lighters.

Do NOT put hot metal objects into acid solutions.

All acid spills should be flushed with water immediately and neutralized with baking soda. Inform the instructor of any such spills.

Wear safety glasses or a face shield when using all machines.

DO NOT USE ANY MACHINE OR EQUIPMENT WITHOUT PRIOR INSTRUCTION. If it hasn't been demonstrated to you by the instructor, do not use it.

REPORT ANY ACCIDENTS, BROKEN TOOLS OR EQUIPMENT OR SAFETY INCIDENTS TO YOUR INSTRUCTOR AND/OR TECHNICIAN.

People who are not registered for a metalsmithing & jewelry class at UNT are not permitted to be in or use the studio facilities without express consent of the faculty. This includes children and the pets of students.

## **Course Safety Procedures**

Students enrolled in this course are required to use proper safety procedures and guidelines as outlined in UNT Policy 06.038 Safety in Instructional Activities. While working in laboratory sessions, students are expected and required to identify and use proper safety guidelines in all activities requiring lifting, climbing, walking on slippery surfaces, using equipment and tools, handling chemical solutions and hot and cold products. Students should be aware that the UNT is not liable for injuries incurred while students are participating in class activities.

## **Academic Integrity**

According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

## **Disability Accommodation**

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodation at any time; however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website at [disability.unt.edu](http://disability.unt.edu).

## **Emergency Notification & Procedures**

UNT Emergency Guide: <https://emergency.unt.edu/about-us>

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of university closure, please refer to the course management system for contingency plans for covering course materials.

## **Retention of Student Records**

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Blackboard online system, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

## **Acceptable Student Behavior**

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at [deanofstudents.unt.edu/conduct](http://deanofstudents.unt.edu/conduct).

## **Access to Information - Eagle Connect**

Students' access point for business and academic services at UNT is located at: [my.unt.edu](http://my.unt.edu). All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail: [eagleconnect.unt.edu/](http://eagleconnect.unt.edu/)

## **Student Evaluation Administration Dates**

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available during weeks 13 and 14 of the long semesters to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey, they will receive a confirmation email that the survey has been submitted. For additional information, please visit the spot website at [www.spot.unt.edu](http://www.spot.unt.edu) or email [spot@unt.edu](mailto:spot@unt.edu).

## **Incomplete Grades**

An Incomplete Grade ("I") is a non-punitive grade given only during the last one-fourth of a term/semester and only if a student (1) is passing the course and (2) has a justifiable and documented reason, beyond the control of the student (such as serious illness or military service), for not completing the work on schedule. In consultation with the instructor, complete a request for an Incomplete Grade. This form can be found on the department website and must be turned into the department chair prior to the last day of classes (not the exam date). Note: A grade of Incomplete is not automatically assigned to students

## **Survivor Advocacy**

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment, sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex, and therefore prohibit sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking, and/or sexual assault, there are campus resources available to provide support and assistance. UNT's Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached at [SurvivorAdvocate@unt.edu](mailto:SurvivorAdvocate@unt.edu) or by calling the Dean of Students Office at 940-565-2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at [oeo@unt.edu](mailto:oeo@unt.edu) or at (940) 565 2759.

## **Class Recordings & Student Likenesses**

Synchronous (live) sessions in this course may be recorded for students enrolled in this class section to refer to throughout the semester. Class recordings are the intellectual property of the university or instructor and are reserved for use only by students in this class and only for educational purposes. Students may not post or otherwise share the recordings outside the class, or outside the Canvas Learning Management System, in any form. Failing to follow this restriction is a violation of the UNT Code of Student Conduct and could lead to disciplinary action.

## **Content Disclosure**

Content in the arts can sometimes include works, situations, actions, and language that can be personally challenging or offensive to some students on the grounds, for example, sexual explicitness, violence, or blasphemy. As the College of Visual Arts and Design is devoted to the principle of freedom of expression, artistic and otherwise, and it is not the college's practice to censor these works or ideas on any of these grounds. Students who might feel unduly distressed or made uncomfortable by such expressions should withdraw at the start of the term and seek another course.