

Beginning Metalsmithing

ASTU 2402.503 (3 credit hours)

Tuesday/Thursday 5:30 pm – 8:20 pm

Aaron McNair (They/Them)

Classroom: Art 170

Office hours: Wednesday 9:45-10:45 am in Art 170

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Phone: (940) 369-7671 (Studio Art office)

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 jewelry making that explores the techniques, terminology, and processes of working with metal. Students will receive instruction on sawing, soldering, shaping metal, finishing metal, lost wax carving, investing, casting, and mechanisms.

Outcomes	Objectives
Knowledge: What students should know	
Understand the history, current issues, and direction of the artistic discipline	Acquire increasingly sophisticated knowledge of the history, current issues, and direction of metal art media, including functional knowledge of metals techniques.
Place works in the historical, cultural, and stylistic contexts of the artistic discipline	Increased ability to place works in historical, cultural, and stylistic contexts of metals art media.
Use the technology and equipment of the artistic discipline	Develop advanced knowledge of raw materials and technical procedures.
Skills: What students should be able to do	
Use the elements and principles of art to create artworks in the artistic discipline	Utilize the tools, techniques, and processes of metals to create work from concept to finished object.
Create artwork that demonstrates perceptual acuity, conceptual understanding, and technical skill	Create works of metal art that demonstrate advanced perceptual acuity, conceptual understanding, and technical skill.
Analyze and evaluate works of art in the artistic discipline	Participate in analysis and evaluation of works of metal art.
Synthesis: How students will combine knowledge and skill to demonstrate learning	
Produce artworks demonstrating technical skill and disciplinary knowledge	Produce metal art objects demonstrating advanced technical skill and disciplinary knowledge.
Use knowledge of art and disciplinary vocabulary to analyze artworks	Participate in critique of own works and the works of others using the vocabulary of metals media and demonstrating sound understanding of aesthetic principles and design elements.
Participate in critiques of own work and work of others	

Message From Past Students

A survey of recent students suggests that you should anticipate spending 8-10 hours in the studio outside of class time in order to complete the assigned projects and assignments.

Course Requirements & Grading Breakdown:

3 Projects:	450 points	70%
Presentation:	100 points	15%
3 Quizzes:	30 points	5%
Samples:	20 points	3%
Final Exam:	35 points	5%
Attendance/Participation:	<u>15 points</u>	<u>2%</u>
	655 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: Bezel Set Ring (140 points)**

Design a ring that includes a bezel-set stone. The piece should be made of copper or silver and highlight one or more bezel-set stones as a prominent design feature. The finished ring should fit a predetermined finger discussed with instructor.

Project 2: Cast Ring of Fire (170 points)

Design a ring and carve it in wax, then cast it in bronze. *Students must be present and on time for investing day and casting day.*

Theme: Passion. If you made a ring that represented your greatest passion, what would it look like? What sparks a fire of inspiration for you: a hobby, a desire, an object or destination? Consider how you might portray your unique passion through the design of a small cast ring.

Project 3: Conceal and Reveal: Hinged Object (140 points)

Design a three-dimensional hinged object with pierced and sawed designs using 18g or 20g copper, brass, and/or silver.

Theme: The use of intrigue in concealing a secretive component. Consider how objects can contain a hidden space that can only be revealed when opened or exposed. What desire or wish do you have that you keep to yourself? How might you create an object that protects that secret yet allows you to share it when a hinged element is opened?

Course Calendar:

August	18	T	Review Syllabus, Health and Safety, Vortman's Kit
	20	Th	Intro Project 1, Soldering Demo, work on samples
	25	T	Project 1 Sketches Due, Review designs, Demo- Bezel
	27	Th	Sample Work in class
September	1	T	Demo, Work in class
	3	Th	Work in class
	8	T	Work in class
	10	Th	Samples Due, Quiz 1 Due, Last workday
	15	T	PROJECT 1 CRITIQUE , Intro Project 2
	17	Th	Casting overview/dates work in class-research
	22	T	Project 2 Sketches Due, Demo- wax carving
	24	Th	Work in class, Artist Presentation review
	29	T	Finished wax due, Demo - sprues
October	1	Th	Investment Day
	6	T	Casting Day 1
	8	Th	Casting Day 2 (if needed), Work in class-finishing work
	13	T	Work in class
	15	Th	Quiz 2 Due, Work in class – Finishing
	20	T	PROJECT TWO CRITIQUE , Intro Project 3

	22	Th	Project 3 Hinged Object Demo, workday and research/maquette
	27	T	Demo- Flex shaft, patina, jump rings
	29	Th	Work in class
November	3	T	Project 3 sketches due, work in class
	5	Th	Hinge Samples Due Beginning of class, Maquettes Due
	10	T	Work in class
	12	Th	Work in class
	17	T	Work in class
	19	Th	Work in class, RESEARCH PROJECT DUE
	24-26	T-Th	NO CLASS – THANKSGIVING BREAK
December	1	T	Quiz 3 Due, Work in class-Finishing
	3	Th	CRITIQUE PROJECT 3
	4	F	READING DAY NO CLASSES
	8	T	10:30 am – 12 pm Final Exam/Studio Clean up

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

You are expected to assist in maintaining a classroom environment that is conducive to learning. In order to assure 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, reading newspapers or magazines, sleeping or engaging in any other form of distraction.

Inappropriate behavior in the classroom will result in, minimally, a request to leave class.

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. Three tardies will constitute an unexcused absence.

A tardy is arrival 5 minutes after the beginning of class.

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 18.1.16, 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

The University of North Texas makes reasonable academic accommodation for students with disabilities. Students seeking reasonable accommodation must first register with the Office of Disability Access (ODA) to verify their eligibility. If a disability is verified, the ODA will provide you with a reasonable accommodation letter to be delivered to faculty to begin a private discussion regarding your specific needs in a course. You may request reasonable accommodations at any time, however, ODA notices of reasonable 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 reasonable accommodation for every semester and must meet with each faculty member prior to implementation in each class. Students are strongly encouraged to deliver letters of reasonable accommodation during faculty office hours or by appointment. Faculty members have the authority to ask students to discuss such letters during their designated office hours to protect the privacy of the student. For additional information, refer to the Office of Disability Access website at <http://www.unt.edu/oda>. You may also contact ODA by phone at (940) 565-4323.

Health & Safety Area Specific Information: Metalsmithing & Jewelry**1. Hazards of Media (inherent)****Chemicals, Metal Etching and Plating**

Chemicals used for patinas and plating are toxic and corrosive. There are mild acids and chemicals that are not compatible. Electrical currents are used in some etching/plating processes.

Enamels

Enamels contain silica and heavy metals. Enameling kilns can damage eyes over prolonged unprotected use (IR 3 glasses are recommended for enameling and are available in the studio). High temperatures are used for enameling, be cautious of hot surfaces and objects.

Epoxy, Natural and Synthetic Polymers, Resins

Epoxy, resins, glues, plastics/acrylics and body fillers produce toxic fumes, skin irritants and generate both toxic and liquid hazardous waste. All of these (including some stones) can contain silica causing toxic fumes when sanded. Some polyester resins, plastics, urethane rubbers, and silicon rubbers are used in mold making and can be even more toxic and irritating to the skin when in liquid form.

Metalworking

Metalworking produces toxic and/or irritating dust and fumes. Welding produces toxic fumes and radiates UV light. Soldering produces toxic, carcinogenic fumes from flux. Be cautious of hot objects. Soldering bricks and pumice rocks can create irritating dust.

Corrosion products used in patinas (oxides, carbonates, sulfides, or sulfates) produce toxic fumes and irritating dust.

Pickle is corrosive and toxic. Flammable gases are used for soldering and annealing metal.

Buffing and grinding equipment involve high speed rotating disks/wheels that are dangerous if not used properly. Lifting heavy equipment and repetitive processes can lead to strain injuries. Electric tools cause vibrations, which can also lead to strain on the muscles. Noise from percussive equipment and tools can damage hearing.

Metal Casting Techniques

Metal casting produces toxic fumes. Investment contains silica and produces irritating dust when mixed. Casting torch will damage eyes if proper IR glasses/goggles aren't worn. Be cautious of hot surfaces and objects.

Stones, Plaster, and other Dusts, Clays and Powders

Minerals in stone, ceramics, glass, and abrasives (e.g. flint, steatite, dolomite, fluorspar stone, silica, garnet) produce toxic and irritating dust. Plaster is calcium sulfate, which produces toxic, irritating dust during mixing.

Spray Lacquer, Paint, Stains, Solvents, Paint Stripper and other Aerosol Sprays

Spray paint, stains, paint strippers and other aerosol sprays produce toxic fumes, skin irritants and generate liquid hazardous waste in excess paint and solvents used in cleaning (acetone, mineral spirits).

Solvents

Solvents are flammable and toxic. All solvents can cause defatting of the skin and dermatitis from prolonged or repeated exposure. Turpentine can also cause skin allergies and can be absorbed through the skin. Acute inhalation of high concentrations of turpentine or mineral spirits can cause narcosis (dizziness, nausea, fatigue, loss of coordination, coma, etc.) and respiratory irritation. Chronic inhalation of turpentine can cause kidney damage and

possible respiratory allergies. Chronic inhalation of large amounts of mineral spirits could cause brain damage. Odorless mineral spirits or turpenoid, which have had the aromatic hydrocarbons removed, are less hazardous.

Pitch, Wax

Pitch is flammable. Overheating pitch degrades it and releases toxic fumes. Never use a torch to heat pitch. Wear eye protection and gloves when heating or breaking pitch.

Overheating wax can release flammable vapors and irritating, toxic fumes. Boiling wax is dangerous and can cause burns.

2. Best Practices

- Only use tools and equipment that instructors have demonstrated during class time.
- If you are ever unsure or uncomfortable using a tool or machine please talk to an instructor or technician. Plan ahead and ask your instructor to demonstrate the tool/ machine during class time so that you are properly trained and comfortable to use it on your own during open studio hours.
- Wear the proper safety equipment for each process.
- Wear appropriate personal protection while working at your bench. Eye protection should be worn while using a jeweler's saw, files or flex shaft (prescription glasses are suitable). Dust masks should be worn when using abrasives in flex shaft.
- Wear appropriate gloves when using any type of solvent, acid or chemical. (Long chemical gloves are in the Chemical Room; disposable nitrile gloves are provided throughout the studio.)
- Read and follow posted signs about equipment usage, safety gear and clean-up.
- ALWAYS clean up messes produced by any material or practice to prevent from exposing others to the hazards of that material and/or practice. Use alcohol to clean up resin/mold making materials. Use a wet sponge to clean up enameling areas.
- Use yellow sorbent pads or spill kit to soak up liquid/chemical spills. If chemical is considered hazardous, place soaked pads in plastic bag or bucket, label and notify area technician. Area of spill should be cleaned with mild detergent and water.
- Ear protection is advised when forging, raising, etc. Foam earplugs are provided by the studio.
- Wearing a dust mask when enameling is advised. Enamels contain silica and heavy metals.
- Avoid contaminating enamels and powder coat with other colors, firescale, other debris.
- The powder coat oven should not be used for any other purpose.
- Do not change programs of Casting or Enameling Kilns. Alert an instructor or technician if a program has been changed.
- Denatured Alcohol, solvents, spray lacquer and finishing wax must be stored in the Flammable Cabinet. Never store alcohol lamps with alcohol in them. When pouring Denatured Alcohol, place lamp or container in sink and use a funnel to minimize spills.
- Flammable gases are located at soldering and annealing stations. Only use gases through the control of torch handles. Torches may only be used at designated soldering/annealing stations.

- Flammable items, including paper towels, pitch and wax, may not be used at soldering/ annealing stations.
- Use ventilation for tasks that create fumes, including soldering, pickling and enameling.
- There are many hazardous chemicals stored in the Chemical Room as well as equipment that can cause you harm if used improperly. Return chemicals to the proper storage place. Notify area technician of missing labels or damaged containers. All containers and funnels should be thoroughly rinsed and dried before and after use. If a container or other item has a dedicated chemical use, do not use it for any other purpose.
- Label patina containers with your name, type of patina, date and class. Store container in Blue Corrosive cabinet. See area technician about proper disposal of chemicals.
- Do not leave hot plates unattended, unplug when finished using. Never allow patina or wax to boil. Use heat guns to heat pitch.
- Use copper tongs for taking work in and out of pickle solution. Avoid getting pickle on skin or clothing, avoid splashes and spills. Use baking soda to neutralize pickle spilled on clothing.
- Do not pour pickle solution down sink drains. Dispose of used pickle by carefully pouring into collection container (labeled 'Spent Pickle'). Use a funnel to pour and wipe up any spilt liquid.
- Do not leave Liver of Sulfur out. If the solution can still be used, pour into the labeled brown bottle. If the solution is spent, pour in collection container (labeled 'Spent Liver of Sulfur').
- Sharp objects, including X-acto and saw blades, should be disposed of in approved 'Sharps' container. Metal should be disposed of by placing into scrap bins, never regular trash.
- Skin and eye irritation can occur when using mild acids. If acid (including pickle) come in contact with skin, wash the area with soap and water. If acids come in contact with eyes, rinse eyes at an eyewash station for 15 minutes. Eyewash stations are located at the sinks in room 170 and 172. If irritation persists, seek medical attention.
- When working in the studio outside of class time, be aware of other students in other areas of the metals studio. Identify the monitor on duty in case you have a question or emergency. If you are the last to leave the studio, turn off all equipment (the only exception is kilns being used for casting). Properly turn off soldering torches and bleed hoses.
- Monitors will unlock studio rooms 174-178 during their shifts. Rooms should be locked at the end of the night or if no monitor is available.
- Monitors and graduate students are not to not share lock combinations with other students.
- Put away tools when you are done using them so that they are available for other students.
- Use sign-in sheets for processes including electroforming, etching, and forging. This allows other students to use the equipment in shifts. Failure to sign-in and follow rules may result in loss of privileges to use that equipment.
- Use spray lacquer or paint in spray booth only, never in the Metals studio.
- Do not use damaged tools or equipment. Report damages immediately to an instructor or technician. If damages occur outside of class time, place a visible sign on the damaged equipment.
- Drink containers must have lids. Food is not allowed in the studios, go to designated area to eat.

3. Links to more information on Health & Safety for the discipline

<https://info.risd.edu/environmental-health-safety/#environmental-health--safety>

<https://www.ganoksin.com/topic/jewelry-studio/workshop-health-and-safety/>

<https://www.ganoksin.com/article/potentially-harmful-metalsmithing-substances/>

<http://www.silversmithing.com/1safety.htm>

https://www.depts.ttu.edu/art/Programs/graduate/studio_art/jewelry/includes/jewelry_studio.pdf

Chemical Safety:

<https://ehs.princeton.edu/laboratory-research/chemical-safety>

4. Area Health & Safety Rules

All users of the studio classrooms are expected to follow studio area rules at all times. If you have any questions, ask your instructor or area technician.

- Follow all CVAD Health and Safety handbook guidelines (the handbook should be reviewed by your instructor and can be found here: <https://art.unt.edu/healthandsafety>).
- Follow the CVAD Waste Management Chart in the classroom and other health & safety guidelines posted.
- In case of emergency, call campus police at (940)565-3000 or call 911.
- File an incident report (forms may be found in the CVAD H&S handbook and in the main office) within 48 hours of the event.
- Do not prop classroom doors. Doors are to remain closed to ensure the building HVAC and ventilation work properly.
- No food or drink in the studio
- Practice best practices for material handling. If you have questions about a material, ask your instructor for guidance.
- Do not spray any aerosols in any CVAD classroom/studio/doorway or exterior wall/floor. Use the spray booths provided.
- No consumption of alcohol or smoking is permitted in the studios.
- Clean up after yourself- wipe down counters and benches with a wet sponge, sweep or vacuum floors.
- Do not block doorways or block access to lights.
- Do not remove furniture from rooms or borrow furniture from rooms without permission from the area coordinators.
- Do not create “daisy chains” with multiple electric cords.
- No hazardous materials should be poured down sinks.
- Store all flammables in the flammable cabinet. Keep flammable cabinet closed at all times.

- First aid kits are found in each studio. Notify your instructor or area technician if supplies are low.
- Report any safety issues IMMEDIATELY to your instructor or area technician.
- All courses must engage in an end of the semester clean up.
- Children, pets and non-enrolled persons are not allowed in the studio for their own safety.
- Follow all appropriate safety procedures as demonstrated by instructor. Do not use any tools or equipment that you have not been trained on.
- Always wear closed-toe shoes. Tie long hair back and avoid wearing loose clothing or dangling jewelry (hazardous with power tools and soldering).
- Studio Monitors are not allowed to teach new techniques or supervise casting.
- Follow proper safety procedures for turning gas on and off at soldering and annealing stations.
- Wear a dust mask when appropriate (enameling, sand blasting, powder coating, etc.).
- Eye protection should be worn during most processes. Safety glasses, face shields, tinted kiln and casting goggles are available throughout the studio.
- If you are the last person to leave the studio, turn off any equipment. If you are unsure about anything ask your instructor, technician or a studio monitor.
- Do not use Chemical Room unless under special instruction. Refer to posted signs for proper procedures, safety and clean-up.
- Turn ventilation hoods and snorkels on for processes such as soldering, pickling, enameling, casting, etc.
- Only use Buffing Room equipment if you have been trained by an instructor. Follow posted directions on safety and clean-up.
- Do not enter the Graduate Studio without permission.
- Safety Data Sheets (SDS) for studio materials are maintained by area technician.
- Follow the CVAD CONTAINER POLICY (see below)

There are 3 types of labels used in CVAD.

All containers must have a label identifying the contents at all times.

UNIVERSAL LABELS (while chemical is in use):

All secondary/satellite containers for hazardous materials (or what might be perceived as hazardous -i.e. watered-down gesso, graphite solutions, satellite containers of solvents, powders, spray paints, fixatives, oils, solvents) must be marked with content, your name and the date opened. All unmarked containers will be disposed of with no notice. Labels can be found in the studios. All containers must be marked with your name, contents and date opened.

UNIVERSAL WASTE LABELS (when material is designated as waste):

All containers solely containing a universal waste must have a universal waste label identifying the contents as "Universal Waste - (type of universal waste)" that are designated as waste for proper disposal. The label must also include the date the first item of universal waste entered the container.

HAZARDOUS WASTE LABELS

All hazardous waste containers must have a label identifying the contents as hazardous.

Labels should include all constituents in the waste mixture as well as an approximate percentage of the total for that item. All constituents should equal 100%.

Emergency Notifications and Procedures

UNT Emergency Guide: <http://guidebook.com/app/emergency/guide/unteitmerge...>

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 a university closure, please refer to the course management system for contingency plans for covering course materials.

Sexual Discrimination, Harassment and Assault

UNT is committed to providing an environment free of all forms of discrimination and sexual harassment, including sexual assault, domestic violence, dating violence, and stalking. If you (or someone you know) has experienced or experiences any of these acts of aggression, please know that you are not alone. The federal Title IX law makes it clear that violence and harassment based on sex and gender are Civil Rights offenses. UNT has staff members trained to support you in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, helping with legal protective orders, and more.

UNT's Dean of Students' website offers a range of on-campus and off-campus resources to help support survivors, depending on their unique needs: http://deanofstudents.unt.edu/resources_0. UNT's Student Advocate she can be reached through e-mail

at SurvivorAdvocate@unt.edu or by calling the Dean of Students' office at 940-565-2648. You are not alone. We are here to help.

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.

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.

Metalsmithing & Jewelry Materials Charge

In the UNT Metalsmithing & Jewelry program, we believe it's sometimes necessary to provide students with specific materials that are required for certain projects. For example, we typically provide Ancient Bronze Casting Grain for the lost wax casting project in Beginning Jewelry, which is measured out from a larger quantity that we purchase from a supplier. This saves students the hassle of buying the correct materials on their own. It also saves students money because the materials are often cheaper when bought in bulk.

We require all students taking ASTU 2401 and ASTU 2402 to pay a \$15 materials charge. This will need to be paid by August 30, 2024. The exact costs covered by that charge are outlined below. To pay for this materials charge, please take the charge sheet provided by your instructor to the Cashiers Services in the Eagle Student Services Building (the Southwest part of the Union building). After paying, please return this sheet and your receipt to the Metals technician, Sarah Loch-Test, and they will mark you off the list. All students must pay the materials charge within the second week of the semester. Please contact Sarah Loch-Test with questions or budgetary concerns. Sarah.Loch-Test@unt.edu Flex shaft kit: \$9

Copper blank & 1 dozen saw blades: \$2

Tubing, wire: \$4 (ASTU 2401)

Tubing, bezel wire, casting grain: \$4 (ASTU 2402)

Total: \$15

The instructor retains the right to change the syllabus at any time with or without notice.

Course Contract

I _____ (print) acknowledge that I have read the course syllabus. I understand the course structure, grading and attendance policies as well as the risk factor rating. I hereby agree to the syllabus and its provisions.

Course number and section : ART 2402.501

Preferred pronouns:

Student e-mail address *that you check regularly*:

Signature

Date

Faculty Name: Aaron McNair

Signature

Date

PERMISSION TO USE STUDENT ARTWORK

We would like to use your work to spread the news about the amazing art made at CVAD! Please help us put your talent on display by allowing us to photograph and exhibit your art on CVAD's social media, websites and paper advertising. Thank you!

I hereby grant permission to UNT and CVAD to use, copy, reproduce, publish, distribute or display any and all works created in my classes while at UNT. Additionally, I consent to the use of my name to coincide with images of my artwork.

1. Scope of Permission. This permission extends to the use of the described work and images of such work: (1) for academic purposes in order to demonstrate examples of student work to current and future UNT students; (2) for public display in the galleries or on the campus of the UNT or on the UNT website; (3) for promotional materials created by UNT in all forms of media now known or later developed, including but not limited to exhibition catalogues, direct mail, websites, advertising, social media, and classroom presentations. My permission is on-going, but can be revoked by giving the professor of record for this course written notice of my wish to revoke permission and use of any images of my artwork. UNT will have three months from the date of my notice to stop all use agreed with this permission.

2. Certificate of Ownership. I am the owner of all work submitted and the work is not subject to any restriction that would prevent its use consistent with this permission. All aspects of the work are original to me and have not been copied. I understand that as owner of the work I have the right to control all reproduction, copying and use of the work in accordance with U.S. copyright laws.

3. Privacy Release. I hereby authorize and consent to the release, maintenance and display of my name if necessary and any other personally identifiable information that I have provided in connection with the work and its use described in this Agreement.

4. Signature. By signing below I hereby grant the permissions indicated above. I understand that this grant of permission relates only to the use of the described work. This is not an exclusive right and I may sell, give or otherwise transfer the rights to such work to others on a non-exclusive or exclusive basis. However, in the event that I do sell, give or otherwise transfer ownership or the exclusive right to use my work to another party, I will notify UNT immediately in writing through the professor of record for this course. UNT will have three months from the date of my notice to stop all use in accordance with this permission.

Printed name: _____

Signature: _____

Date: _____

Name of Course: ____Beginning Jewelry_____