COURSE DESCRIPTION

3 hours (0;6). An introduction to the concepts and processes involved in the production of sculptural objects, with an emphasis on the tools, materials and techniques used in basic woodworking, metal fabrication, mold-making and casting techniques. Prerequisite(s): ART1440 and ART1450.

COURSE CONTENT & SCHEDULE CHANGES

This course develops the visual, verbal and technical skills essential for understanding the concerns of contemporary sculpture, along with its history and theories. While learning tools and techniques for adding new objects to the world, we will also heighten our awareness of the objects and materials that already exist, consider the actions and feelings we direct at them, and discuss the ways we determine their value. We will view sculpture through the lens of familiar objects that we interact with daily, and notice how our relationship to an object changes when it no longer exists to serve us functionally. We will explore the potential for form and material to convey meaning, through both personal narratives and universal associations.

Assignments will explore the possibilities and limitations afforded by different traditional sculpture tools and techniques. Students will learn how to safely operate the power tools in the wood and metal fabrication shops. Students will learn basic woodworking, basic MIG welding and metal fabrication, and basic mold-making and casting. This course will encourage the utilization of the basic elements and principles of art & design, excellent craftsmanship, intentionality, experimentation through iteration, and conceptual motivation. You will be encouraged to incorporate their personal interests and express your beliefs through the work you create in this course. You will also be challenged to make, view and discuss sculpture in the context of current events and social, political and environmental concerns. The course schedule reflects expected class progress in course subject matter, and is considered tentative. The schedule is subject to change in content and scope at the Instructor’s discretion.

Note: The Beginning Sculpture: Digital Methods course covers CNC routing, CNC plasma cutting, and 3D scanning and printing. Those tools/techniques will not be taught in this course and you are not permitted to utilize that equipment in the Sculpture area unless you have already taken Digital Methods.

COURSE REQUIREMENTS

- Attend all classes and take notes during technical demonstrations.
- Complete three sculptures that utilize the following tools/techniques:
  1. Mold-making and casting
  2. Woodworking
  3. MIG welding and metal fabrication
- Actively participate in group critiques with your classmates and Instructor.
- Complete Quote-Comment-Question worksheets for 3 required readings and actively participate in group discussions.
- Document the artwork you create in this course and submit 1-3 images/videos and an artist statement for each artwork.
- Give one research presentation to the class via Zoom about an assigned artist, technique, or theory.
### COURSE OUTCOMES & OBJECTIVES

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Objectives</th>
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<tbody>
<tr>
<td><strong>Knowledge: What students should know</strong></td>
<td><strong>Beginning knowledge of the history and theory of sculpture, including the traditions, conceptual modes, and evolutions of the discipline.</strong></td>
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<tr>
<td>Understand the history, current issues, and direction of the artistic discipline</td>
<td>Knowledge and skills in the use of basic tools, techniques, and processes to work from concept to finished product. Beginning understanding of the possibilities and limitations of various materials.</td>
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<td>Place works in the historical, cultural, and stylistic contexts of the artistic discipline</td>
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<tr>
<td>Use the technology and equipment of the artistic discipline</td>
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<tr>
<td><strong>Skills: What students should be able to do</strong></td>
<td><strong>Understanding of basic design principles with an emphasis on three-dimensional design, and the ability to apply these principles to a specific aesthetic intent, including basic abilities in drawing sufficient to support work in sculpture. Demonstrated beginning ability to analyze and evaluate works of sculpture.</strong></td>
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<tr>
<td>Use the elements and principles of art to create artworks in the artistic discipline</td>
<td>Produce sculptures that demonstrate emerging technical skill and knowledge of the medium, beginning to develop solutions to aesthetic and design problems.</td>
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<tr>
<td>Create artwork that demonstrates perceptual acuity, conceptual understanding, and technical skill</td>
<td>Utilize basic knowledge of sculpture and the vocabulary of art and design to critique and analyze own works and the works of others.</td>
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<tr>
<td>Analyze and evaluate works of art in the artistic discipline</td>
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<tr>
<td><strong>Produce artworks demonstrating technical skill and disciplinary knowledge</strong></td>
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<tr>
<td><strong>Use knowledge of art and disciplinary vocabulary to analyze artworks</strong></td>
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<tr>
<td><strong>Participate in critiques of own work and work of others</strong></td>
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### ASSIGNMENT & ASSESSMENTS

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<tr>
<th>Assignments</th>
<th>Worth</th>
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<tbody>
<tr>
<td>Syllabus Agreement &amp; Artwork Permission Forms</td>
<td>3 points</td>
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<tr>
<td>Research Presentation</td>
<td>10 points</td>
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<tr>
<td>Quote-Comment-Question Forms for Required Readings (3 points each)</td>
<td>9 points</td>
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<tr>
<td>Project 1 - Mold-making and Casting</td>
<td>25 points</td>
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<tr>
<td>Project 2 - Woodworking</td>
<td>25 points</td>
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<tr>
<td>Project 3 - MIG Welding and Metal Fabrication</td>
<td>25 points</td>
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<tr>
<td>SPOT Course Evaluation (email confirmation)</td>
<td>3 points</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>100 points</td>
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</tbody>
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### COURSE STRUCTURE

The class will be divided into two groups. Group A will meet on campus on Tuesdays, and Group B will meet on campus on Thursdays. Students will come to the classroom in order to use the equipment and tools during those scheduled days/times. Those not meeting on campus that day should always log in to Zoom at
the beginning of class to participate in presentations and discussions. Class meetings will vary in nature from
day to day, and involve activities such as slide presentations, technical demonstrations, group discussions
and activities, studio work days, individual meetings, and critiques. There will be formal critiques held at the
conclusion of each assignment. You should expect to devote a minimum of 5-10 hours per week to this class
outside of scheduled class time to complete those projects. That work will most likely need to be performed
in the sculpture shop, not at home or in your dorm room, so please plan your schedule according to the shop
hours listed.

COURSE SCHEDULE

Week 1: Jan 12 & 14
*No in-person meetings this week. Log into Zoom for both classes.*

Tuesday (Zoom only)
- Turn on your camera and introduce yourself during roll call
- Review syllabus
- Sign up for in-person class days on Google Sheets if you haven’t already
- Homework:
  - Due Wednesday on Canvas: Syllabus forms (Read the syllabus and watch the safety orientation video)
  - Due on Canvas before next class: Slideshow of 3 artists that inspire you and 3 images of your own work
    (you will share their screen and give this presentation via Zoom)

Thursday (Zoom only)
- Student presentations — 3 artists and 3 of your own artworks
- Introduction of Project 1: Mold-making and casting
- Introduction of Research Presentation assignment
- Homework:
  - Due Sunday on Canvas: Quote/comment question worksheet for Project 1 reading
  - Due Sunday: Sign up for a Research Presentation on Google Sheets

Week 2: Jan 19 & 21

Tuesday (Group A in-person)
- Required reading discussion (via Zoom)
- Demo of alginate molds, plaster gauze and mixing/casting plaster (via Zoom)
- Tour of sculpture facilities and shop cards with Group A
- Homework:
  - Due on Canvas before next class: Research Presentation (if you are giving one)

Thursday (Group B in-person)
- Research Presentations (via Zoom from people in Group A)
- Demo of 2-part plaster molds and casting with wax (via Zoom)
- Tour of sculpture facilities and shop cards with Group B
- Homework:
  - Research and brainstorming for Project 1
  - Bring an object you want to cast to your next in-person class
  - Due on Canvas before next class: Research Presentation (if you are giving one)

Week 3: Jan 26 & 28

Tuesday (Group A in-person)
- Research Presentations (via Zoom from people in Group B)
- Demo of cheap rubber molds with silicone caulking (via Zoom)
- Mold-making and small group discussions in class with Group A
- Small group discussions on Zoom for Group B
- Homework:
Due on Canvas before next class: Research Presentation (if you are giving one)

**Thursday (Group B in-person)**
- Research Presentations (via Zoom from people in Group A)
- Mold-making and small group discussions in class with Group B
- Small group discussions on Zoom for Group A
- **Homework:**
  - Choose/purchase casting material and bring to class in week 4
  - Due on Canvas before next class: Research Presentation (if you are giving one)

**Week 4: Feb 2 & 4**

**Tuesday (Group A in-person)**
- Research Presentations (via Zoom from people in Group B)
- In-class work day for Group A; At-home work day for Group B
- **Homework:**
  - Finish Project 1

**Thursday (Group B in-person)**
*No class Zoom meeting today. Group A can log in to talk and ask questions as needed*
- In-class work day for Group B; At-home work day for Group A
- **Homework:**
  - Finish Project 1

**Week 5: Feb 9 & 11**

**Tuesday (Group A in-person)**
- Photo documentation demo (via Zoom for people in Group B)
- Project 1 photoshoot in small groups with Group A
- **Homework:**
  - Finish Project 1

**Thursday (Group B in-person)**
- Photo editing demo (via Zoom for people in Group A)
- Project 1 photoshoot in small groups with Group B
- **Homework:**
  - Finish Project 1
  - Due on Canvas Sunday: Project 1 images and artist statements

**Week 6: Feb 16 & 18**
*No in-person meetings this week. Log into Zoom for both classes.*

**Tuesday (Zoom only)**
- Critique of Group B’s Project 1 images
- Introduction of Project 2: Woodworking
- **Homework:**
  - Due Wednesday on Canvas: Quote/comment question worksheet for Project 2 reading

**Thursday (Zoom only)**
- Critique of Group A’s Project 1 images
- Required reading discussion
- **Homework:**
  - Research and brainstorming for Project 2
  - Due on Canvas before next class: Research Presentation (if you are giving one)
Week 7: Feb 23 & 25

**Tuesday (Group A in-person)**
- Research Presentations (via Zoom from people in Group B)
- Intro to making detailed dimensioned drawings of the object you want to make (via Zoom)
- Demos of table, miter & band saws — rip cuts, angled cuts, curved shapes (via Zoom)
- Group A practices cuts on table, miter & band saws
- **Homework:**
  - Make detailed drawings of the wood object(s) you want to make, with dimensions
  - Due on Canvas before next class: Research Presentation (if you are giving one)

**Thursday (Group B in-person)**
- Research Presentations (via Zoom from people in Group A)
- Intro to making cut pattern drawings (via Zoom)
- Demos of table, miter & band saws — cross cuts, sliding miter, circle jig (via Zoom)
- Group A has small group discussion about your drawings and construction methods on Zoom
- Group B has small group discussions in person & practices cuts on table, miter & band saws
- **Homework:**
  - Make pattern cut pattern drawings showing all pieces that will be cut out of your wood, accounting for blade kerf
  - Due on Canvas before next class: Research Presentation (if you are giving one)

Week 8: Mar 2 & 4

*Midterm grades provided this week*

**Tuesday (Group A in-person)**
- Research Presentations (via Zoom from people in Group B)
- Demos of scroll saw & jig saw — cutting interior holes (via Zoom)
- Demos of cordless drill & nail gun — drilling holes, countersinking screws, gluing and nailing (via Zoom)
- In-class work day for Group A; At-home work day for Group B
- **Homework:**
  - Begin cutting parts out of your wood
  - Due on Canvas before next class: Research Presentation (if you are giving one)

**Thursday (Group B in-person)**
- Research Presentations (via Zoom from people in Group A)
- Demos of bench sanders & hand-held sanders and grinder (via Zoom)
- Demos and discussions about wood finishing techniques (via Zoom)
- In-class work day for Group B; At-home work day for Group A
- **Homework:**
  - Begin assembling your wood sculpture

Week 9: Mar 9 & 11

*No class Zoom meeting this week. You can log in to Zoom to talk and ask questions as needed*

**Tuesday (Group A in-person)**
- In-class work day for Group A; At-home work day for Group B
- **Homework:**
  - Continue assembling your wood sculpture

**Thursday (Group B in-person)**
- In-class work day for Group B; At-home work day for Group A
- **Homework:**
  - Continue working on Project 2
Week 10: Mar 16 & 18

Tuesday (Group A in-person)
- Introduction of Project 3: MIG Welding & Metal Fabrication (via Zoom)
- Demos of MIG welding and metal fabrication (via Zoom)
- In-class work day for Group A; At-home work day for Group B
- Homework:
  - Due Wednesday on Canvas: Quote/comment question worksheet for Project 3 reading

Thursday (Group B in-person)
- Required reading discussion (via Zoom)
- Demos of MIG welding and metal fabrication (via Zoom)
- In-class work day for Group B; At-home work day for Group A
- Homework:
  - Research and brainstorming for Project 3
  - Finish project 2

Week 11: Mar 23 & 25
*No class Zoom meeting this week. Critiques are in-person only.*

Tuesday (Group A in-person)
- Group A1 critique from 2-3:25pm
- Group A2 critique from 3:25-4:50pm

Thursday (Group B in-person)
- Group B1 critique from 2-3:25pm
- Group B2 critique from 3:25-4:50pm
- Homework:
  - Due on Canvas Sunday: Project 1 images and artist statements
  - Due on Canvas before next class: Research Presentation (if you are giving one)

Week 12: Mar 30 & April 1

Tuesday (Group A in-person)
- Research Presentations (via Zoom from people in Group B)
- Demos of MIG welding and metal fabrication (via Zoom)
- Welding practice for Group A
- Homework:
  - Detailed drawings for Project 3

Thursday (Group B in-person)
- Research Presentations (via Zoom from people in Group A)
- Demos of MIG welding and metal fabrication (via Zoom)
- Welding practice for Group B
- Homework:
  - Welding practice

Week 13: April 6 & 9

Tuesday (Group A in-person)
- Research Presentations (via Zoom from people in Group B)
- Look at and talk about practice welds (via Zoom)
- In-class work day for Group A; At-home work day for Group B
- Homework:
  - Begin working on Project 3
Thursday (Group B in-person)
- Research Presentations (via Zoom from people in Group A)
- Demos of metal finishing techniques (via Zoom)
- In-class work day for Group B; At-home work day for Group A
- Homework:
  - Continue working on Project 3

Week 14: April 13 & 15
*No class Zoom meeting this week. You can log in to Zoom to talk and ask questions as needed*

Tuesday (Group A in-person)
- In-class work day for Group A; At-home work day for Group B
- Homework:
  - Continue working on Project 3

Thursday (Group B in-person)
- In-class work day for Group B; At-home work day for Group A
- Homework:
  - Finish Project 3

Week 15: April 20 & 22
*No class Zoom meeting this week. Critiques are in-person only.*

Tuesday (Group A in-person)
- Group A1 critique from 2-3:25pm; Group A2 does Final Clean-up
- Group A2 critique from 3:25-4:50pm; Group A1 does Final Clean-up
- Homework:
  - Due on Canvas Wednesday: SPOT Course Evaluation email confirmation

Thursday (Group B in-person)
- Group B1 critique from 2-3:25pm; Group B2 does Final Clean-up
- Group B2 critique from 3:25-4:50pm; Group B1 does Final Clean-up
- Homework:
  - Due on Canvas Sunday: Project 1 images and artist statements

REQUIRED TOOLS & MATERIALS

Required tools/materials that students must acquire and bring to every class or keep in a locker:
- Leather work gloves (you will be provided with one pair from the tool cage. If you lose them you will need to purchase your own.)
- A laptop or smart phone with webcam and Zoom capability
- Sketchbook and drawing utensils

Students will be provided with a very small amount of material for each assignment (IE steel, plywood, etc). Additional materials will need to be acquired independently as necessary in order to realize individually-motivated projects.

REQUIRED READINGS

In addition to these required readings, you will also conduct independent research about an assigned artist, technique or theory, and present that research to the class.
Project 1: Mold-making and Casting

Project 2: Woodworking

Project 3: MIG Welding and Metal Fabrication

CLASS PARTICIPATION EXPECTATIONS
- Come to class prepared & on time.
- Participate consistently in class discussions and critiques. Think critically. Be honest.
- Respect your peers’ opinions, beliefs, orientations, and histories when discussing their work.
- Challenge your classmates and push each other to do your best.
- Share your skills, experiences, and energy to strengthen the community. Give more than you take.

Students are expected to attend every class. You are responsible for completing all of 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. 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 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.
- Three absences will be tolerated.
- More than three absences will require a note from a doctor or a note from the art office excusing the absence for a reason covered under UNT policy 06.039 (Student Attendance and Authorized Absences) in order to be counted as excused.
- More than three absences will lower your final grade by one letter grade per additional absence.
- 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 to 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 absence.
- A tardy is considered to be an arrival of 10-30 minutes after the beginning of class. If you arrive more than 30 minutes after the class begins, you will be marked absent for the day.
- Assignments that are turned in late will receive one letter grade lower per day for each class day they are late.
- 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.
COVID-19 IMPACT ON ATTENDANCE

While attendance is expected as outlined above, it is important for all of us to be mindful of the health and safety of everyone in our community, especially given concerns about COVID-19. Please contact me if you are unable to attend class because you are ill, or unable to attend class due to a related issue regarding COVID-19. It is important that you communicate with me prior to being absent so I may make a decision about accommodating your request to be excused from class.

If you are experiencing any symptoms of COVID-19 (https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html) please seek medical attention from the Student Health and Wellness Center (940-565-2333 or askSHWC@unt.edu) or your health care provider PRIOR to coming to campus. UNT also requires you to contact the UNT COVID Hotline at 844-366-5892 or COVID@unt.edu for guidance on actions to take due to symptoms, pending or positive test results, or potential exposure. While attendance is an important part of succeeding in this class, your own health, and those of others in the community, is more important.

CLASS MATERIALS FOR REMOTE INSTRUCTION

Remote instruction may be necessary if community health conditions change or you need to self-isolate or quarantine due to COVID-19. Students will need access to a webcam and microphone and screen-sharing capability to participate in fully remote portions of the class. Information on how to be successful in a remote learning environment can be found at https://online.unt.edu/learn.

LATE WORK / MAKE-UP POLICY

Late work will receive a penalty of 5% deducted from the assignment’s value each 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.

FINAL CLEAN-UP

We will conduct a final clean-up of the sculpture facilities during our last full week of in-person classes. Attendance and participation in final clean-up is mandatory. Absence from the final clean-up will result in lowering your final grade by one full letter. If you are unable to attend final clean-up, you must schedule an alternate date and time with your instructor.

GRADING

Grades will be provided regularly through the semester (after assignments are submitted, critique, etc...) and at mid-term. Note: There are no pluses and minuses given at UNT.

A = Excellent (100-90%)
B = Above Average (89-80%)
C = Average (79-70%)
D = Inferior (69-60%) [passing but not necessarily satisfying degree requirements]
F = Failure (59% or below)

SCULPTURE SHOP ACCESS & POLICIES

Sculpture Shop Hours for Fall 2020:
Monday-Friday: 8am - 9pm
Saturday: 2-4pm (eventually 12-5pm)

The shop is only open to undergraduate and graduate students currently enrolled in a sculpture course, OR students who have taken a sculpture course in the past and have purchased a Shop Card ($50/semester for undergraduate students, free for graduate students).
SCULPTURE TOOL CHECK-OUT SYSTEM

1. Only students that are currently enrolled in a Sculpture course or who have bought a Shop Card are allowed to check out tools from the tool cage.
2. Tool check-out is for one day (not overnight), unless it is a long term checkout item (like welding jackets). Tools must be returned before the shop closes that day. Tools not returned by the time the shop closes and that haven’t been checked out overnight will be will be considered a Shop Rule Violation.
3. Some tools may be checked out overnight but permission must be obtained from the Shop Supervisor or a faculty member in advance. Tools checked out overnight must be returned by 9am the next morning unless permission has been granted in advance by a faculty member or the Shop Supervisor. Please plan accordingly. Tools returned after 9am will be will be considered a Shop Rule Violation.
4. All tools must remain in the building unless you have received advanced permission to take them elsewhere from a faculty member or the Shop Supervisor.
5. Never leave your tools unattended. If you need to leave the area for a short time (for example, to use the restroom), please ask someone in the shop to look after your tools for you. Please check your tools back in if you need to leave the Sculpture area for more than 10 minutes. Tools found unattended will be checked back in by a Tool Cage Worker, and this will be considered a Shop Rule Violation.
6. You are financially responsible for all the tools you have checked out. If a tool is lost or stolen under your care, you will be charged for its replacement.
7. Report any broken or damaged tools to a Cage Worker or the Shop Supervisor. Tools break all the time, so you won’t be punished if that happens, but we need to know about it so that we do not hand a damaged or broken tool to the next student who needs it.

PROJECT AND MATERIAL STORAGE

1. Projects and materials may be stored in the Sculpture area only if they are labeled with a current Storage Tag. Tags can be acquired them from the tool cage.
2. A Storage Tag will permit you to store that item on one of the shelves in the classroom for two weeks. If additional time is needed to store the same item(s), you must receive special permission for a new Storage Tag from a faculty member or the Shop Supervisor.
3. If your Storage Tag expires, a Cage Worker will replace it with a red Removal Tag. At that point you will have one week to remove or renew your belongings. If the item is not removed or renewed by the date on the Removal Tag, it will be put in the dumpster or allocated as scrap material. This will be considered a Shop Rule Violation.
4. Emergency egresses must ALWAYS remain clear. Make sure artworks/materials are not blocking walkways, doorways, etc.

CONSEQUENCES FOR SHOP RULE VIOLATIONS

The following consequences will be faced for health and safety, material storage, and/or tool-check out violations.

1. First Violation: Warning from instructor and Shop Supervisor.
2. Second Violation: Meeting with course instructor and shop supervisor, and loss of tool checkout privileges for 3 days.
3. Third violation: Meeting with program coordinator, course instructor and shop supervisor, and loss of tool checkout privileges for one week.
4. Fourth violation: Meeting with studio art department chair, and indefinite loss of tool checkout privileges.

HEALTH & SAFETY PROGRAM

Students are required to follow the Department of Studio Art Health and Safety guidelines and are required to complete training for each studio course. The goal of the Studio Art Health and Safety Program is to protect the health and welfare of all faculty, staff, and students and to cooperate with the University of North Texas’
HEALTH & SAFETY INFORMATION (SCULPTURE SHOP)

1. Hazards (Inherent)

**Metal Shop and Wood Shop Equipment**
Most wood and metal shop equipment/hand tools involve high speed rotating or revolving blades or sanding disks that can be dangerous if not used properly. Lifting heavy materials, equipment, and tools 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.

**Metals and Metal Compounds**
Metalworking produces toxic and/or irritating dust and fumes. Welding, heat cutting/bending and brazing produces toxic fumes and radiates UV light. Both electrical and structural soldering produces toxic fumes from flux (hydrochloric acid and phosphors). Solder may contain lead, which is toxic. Corrosion products used in patinas (oxides, carbonates, sulfides, or sulfates) produce toxic fumes and irritating dust.

**Metal Casting and Mold Techniques**
Metal casting produces toxic fumes. Cast mold techniques (resin bonded sand, traditional investment and ceramic shell) produces fumes and/or irritating dust and generates liquid hazardous waste. Silica sand generates toxic, irritating dust when mixing, and exposure can cause silicosis.

**Woodworking Sanding and Cutting**
Sanding and cutting wood produces toxic and/or irritating dust. The organic chemicals produced by trees (terpenes, paraffin, fatty acids, phenols, phthalic acid esters, sterols, stilbenes, flavonoids, and cyclic or acyclic tannins) can be toxic if absorbed through the skin, the respiratory tract, or orally. Lumber intended for use in contact with the outdoor elements is chemically treated with additives (fire retardants, pesticides, and preservatives) and produce highly toxic fumes and dust. Plywood and Composition Boards contain wood glues and adhesives (urea-formaldehyde, phenol-formaldehyde resins or urethane plastics) which cause toxic fumes and irritating dust when cutting or sanding.

**Spray Paint, Stains, Solvents, Paint Stripper and other Aerosol Sprays**
Spray paint, stains, Paint Strippers and other aerosol sprays produce toxic fumes, skin irritants and generates liquid hazardous waste in excess paint and solvents used in cleaning (acetone, mineral spirits).

**Epoxy, Natural and Synthetic Polymers, Polyester Resins**
Epoxies, 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.

**Stones, Plaster, Cement and other Dusts, Clays and Powders**
Minerals in stone, ceramics, glass, and abrasives (e.g. flint, steatite, dolomite, fluorspar stone, silica, garnet) produces toxic and irritating dust. Plaster is calcium sulfate, which produces toxic, irritating dust when mixing. Cement is a mixture of finely ground lime, alumina, and silica, which produces toxic, irritating dust and skin irritation when mixing. Cement is also highly alkaline and can burn then skin when exposed.

2. Best Practices

- All students must attend an orientation before using the wood and metal shops. During the orientation all shop rules and policies are presented as well as a discussion of the proper and safe use of shop tools.
- If you have never before used a specific tool or machine, please ask an Instructor, Shop Technician, or Graduate Student Assistant for a hands-on demonstration of the equipment. You must demonstrate your ability to properly operate the equipment prior to using it without supervision.
- Work in a well-ventilated area (or outside) while working with any material or practice that produces toxic or irritating fumes or dust (Resins, chemicals, oil-based paints, and solvents may not be mixed indoors).
- Purchase a good half face respirator that fits snug on your face (3M is a good brand).
- Never share your respirator with another peer (exchanging germs can cause illness).
- It’s best to get a respirator that has a filter for both vapors and particulates.
- Shave facial hair so respirator fits face snug.
- When not in use, store respirator in a plastic bag to prolong the longevity of the filters – the filters will continue to work if not properly sealed.
- Change filters often depending on use (see instruction manual of specific respirator).
- ALWAYS clean up all messes produced by any material or practice to prevent from exposing others to the hazards of that material and/or practice.
- Steel-toed boots or metatarsal covers are best for many practices in the sculpture area.
- Shield eyes with approved safety wear. Safety goggles and face shields are most commonly used for many different sculpture methods.
- Wash hands (including under fingernails) after using toxic materials and chemicals (even if you were wearing gloves). Pumice hand cleaners are available in the shop.
- Wear Nitrile gloves and use plastic drop cloth to contain chemicals, paints, and stains when applying.
- Make sure to wear the proper safety gear for each process.
- All spray painting must be done in spray booth and you must put wood, plastic, or cardboard down on the surface that you are spraying on as to prevent any permanent back spray.
- Welding, soldering, and brazing should be done in a well-ventilated area. Never produce metal sparks or fire near the wood shop. All hot metal working needs to be done in the designated area or outside.
- Always use common sense, avoid distractions and concentrate on the task at hand.
- To prevent hearing loss, use proper hearing protection when working with load equipment/tools. Earplugs are available in the shop.
- Sculpture materials can sometimes get messy. Make sure to wear clothes that you are ok with getting dirty or you may want to purchase an apron (note: an apron cannot be used with all materials, it can sometimes be a danger when working with wood shop or metal shop equipment).

3. Links

http://www.uab.edu/ohs/
https://www.osha.gov/Publications/woodworking_hazards/osha3157.html
https://www.osha.gov/SLTC/metallworkingfluids/
http://www.uic.edu/sph/glakes/harts1/HARTS_library/sculpturehazards.txt

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.

- 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. Turn completed forms into the Studio Art Departmental 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.
- Report any safety issues IMMEDIATELY to your instructor or the shop technician.
- Use best practices for material handling. If you have questions about a material, ask an instructor for guidance or check the MSDS sheet.
- Familiarize yourself with the closest eyewash station and first aid kit. Notify your instructor if first aid supplies are low.
- Do not spray any aerosols in any CVAD classroom/studio/doorway or exterior wall/floor. Use the spray booth.
- No eating, consumption of alcohol or smoking is permitted in the studios.
- Wear close-toed shoes only – NO SANDALS!
- Tie up any long hair and remove any loose jewelry or clothing.
- ALWAYS clean up all messes produced by any material or practice to prevent from exposing others to the hazards of that material and/or practice.
- ALWAYS make sure that you are 100% sober and awake! Drugs, smoking and alcohol are not allowed in the studio and anyone under the influence should not attempt to use the facilities.
- Make sure to wear the proper personal protective equipment (PPE) for each process. The proper eye protection, hearing protection, clothing, shoes, and gloves must be worn when using any power tools/equipment. Earplugs, welding jackets, leathers, face shields, welding helmets and goggles, leather gloves, and Nitrile gloves are available in the shop. Students need to purchase their own dust masks, respirators and safety goggles (do not share – exchanging germs can cause illness).
- Students are prohibited from taking home any UNT property.
- Newspaper or plastic must be used to protect table and floor surfaces from paint, glue, stains and plaster.
- Any trash that does not fit in the trash can must be immediately taken to the dumpster. Broken glass must be packed inside paper and labeled on the outside as broken glass and walked to the dumpster. The trash guidelines are to ensure the safety of anyone encountering the trash. Liquids, medical waste, yard waste, appliances and pallets are prohibited from disposal in the dumpster.
- Students are prohibited from storing materials or projects in the wood or metal shops, please use the shelves & lockers provided.
- Do not use stationary equipment to cut painted, recycled or chemically treated lumber.
- Never wear head phones when working with power tools/equipment (you need to hear the machine or other people if something goes wrong).
- Dust off tools and/or equipment, tables and sweep the floor when finished using any equipment and tools.
- Do not block doorways or walkways with materials.
- Put back all tools, safety gear, and extension cords in their designated location.
- Scrap material must be relocated in the designated scrap wood bin or scrap metal bin. Please do not leave any materials out or on the shelves that you do not want. Properly discard any unwanted materials in the trash or the Satellite Waste Management area and properly labeled.
- No hazardous materials, cement, wax or plaster down the sinks.
- 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 down sinks.
- Store all flammables in the flammable cabinet. Keep flammable cabinet closed at all times.
- All courses must engage in an end of the semester clean up.
- 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%.

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 ACCOMODATION
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.

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.

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 [insert administration dates] 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 the 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 or email 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.

SEXUAL DISCRIMINATION, HARASSMENT & 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. 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.

EMERGENCY NOTIFICATION & PROCEDURES

UNT Emergency Guide: https://emergency.unt.edu/emergency-guidelines

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.