

Sample Syllabi

- ARTS 104: Three Dimensional Design (Foundations Course)
 - Sample Syllabus from the University of South Carolina, Spring 2022

- ARTS 225: Introduction to 3D Studies
 - Sample Syllabus from the University of South Carolina, Fall 2023

- ARTS 255: Introduction to Jewelry Making
 - Sample Syllabus from the University of South Carolina, Fall 2023

- ARST 3620: Metalsmithing-Chasing and Repousse
 - Sample Syllabus from the University of Georgia, Spring 2016

- ARST 3620: Metalsmithing- Forging and Raising
 - Sample Syllabus from the University of Georgia, Fall 2015

The University of South Carolina School of Visual Art & Design

ARTS 104-003: 3-Dimensional Design I

Spring 2023: TTh 1:15-3:30pm

Room: MM112

Number of Credit Hours: 3

Prerequisites: None

Carolina Core: AIU

Graduation with Leadership Distinction: GLD: Research

Instructor Name and Preferred Title: Bosse, Thomas

E-mail: bosset@mailbox.sc.edu

Office/Office Hours Location: MM111B

Office Hours: Mondays 9-11am

Academic Bulletin Description

Introduction to visual thinking and principles of three-dimensional design.

Full Course Description

Three-Dimensional Design course work will help students build an understanding of 3-D elements, such as line, shape, scale/size, color, and texture, along with the principles of mass, volume, and plane and how to apply them in the creation of sculptural works.

Throughout the semester, students will develop creative problem-solving skills, expand their knowledge of visual language, develop their artistic expression and craftsmanship skills while utilizing a variety of materials and techniques. Students will explore the relationship between form and space and develop conceptual and process-based problem-solving skills. Additionally, while utilizing the elements and principles of 3-D design, students will develop their communication and interpretive skills and learn essential artistic vocabulary, which will promote the sharing of ideas and enhance collaboration with classmates.

Itemized Learning Outcomes

Through a series of hands-on studio exercises, students will solve creative problems, explore form and content, use a variety of materials and building techniques and create unique works of three-dimensional art. Additionally, while utilizing the elements and principles of 3-D design, students will develop their communication and interpretive skills and learn essential artistic vocabulary, which will promote the sharing of ideas and enhance collaboration with classmates.

After successful completion of this course, you will be able to:

1. Define and effectively manipulate the elements and principles of 3D design to create sculptural compositions.
2. Demonstrate visual creativity.
3. Create hands-on unique projects that are crafted well and structurally sound through the sculptural use of a variety of materials and techniques include wood, non-traditional materials, additive processes and subtractive processes.

4. Properly use the tools available in our workshop including but not limited to: band saws, drill press, sanders, and basic hand tools.
5. Demonstrate understanding of basic and essential artistic vocabulary.
6. Apply basic critique strategies.
7. Collaborate with classmates to share ideas in the development of each other's work.
8. Demonstrate professional behavior.

Course Text and Materials

Textbook: *Design Through Discovery* by Marjorie Belvin; Freely Accessible online at [https://openlibrary.org/books/OL1442740M/Design_through_discovery]

Materials Provided by SVAD

Pencil, eraser
Adhesives
9mm cutter with snap off blades
18mm cutter with snap off blades
18-gauge wire
PPE

Materials Provided by Student

Sketchbook

*You may be required to purchase additional supplies as needed.

Technology Requirements

To participate in learning activities and complete assignments, you will need:

- Access to a working computer that has a current operating system with updates installed, plus speakers or headphones to hear lecture presentations (transcripts provided)
- Reliable Internet access and a USC email account
- A current Internet browser that is compatible with Blackboard (Google Chrome is the recommended browser for Blackboard)
- Microsoft Word as your word processing program
- Reliable data storage for your work, such as a USB drive or Office365 OneDrive cloud storage.

If your computer does not have Microsoft Word, Office 365 ProPlus package is available to you free of charge and allows you to install Word, Excel, PowerPoint, Outlook, OneNote, Publisher, and Access on up to 5 PCs or Macs and Office apps on other mobile devices including tablets. Office 365 also includes unlimited cloud storage on OneDrive. To download Office 365 ProPlus, log into your student (University) email through a web browser, choose Settings (top right corner), and select software. If you have further questions or need help with the software, please contact the [Service Desk](https://www.sc.edu/about/offices_and_divisions/university_technology_services/support/servicedesk.php) (https://www.sc.edu/about/offices_and_divisions/university_technology_services/support/servicedesk.php).

Minimum Technical Skills Needed

Minimum technical skills are needed in this course. Work in this course may need to be completed and submitted online through Blackboard. Therefore, you must have consistent and reliable access to a computer and the Internet. The minimum technical skills you have include the ability to:

- Organize and save electronic files;
- Use USC email and attached files;
- Check email and Blackboard daily;
- Download and upload documents;
- Locate information with a browser; and
- Use Blackboard.

Technical Support

If you have problems with your computer, technology, IT-related questions, support, including Blackboard, please contact the Division of Information Technology (DoIT) Service Desk at (803) 777-1800 or submit an online request through the [Self-Service Portal](https://scprod.service-now.com/sp) (<https://scprod.service-now.com/sp>) or visit the [Carolina Tech Zone](https://sc.edu/about/offices_and_divisions/division_of_information_technology/end_user_services/available_technology_resources/carolina_tech_zone/) (https://sc.edu/about/offices_and_divisions/division_of_information_technology/end_user_services/available_technology_resources/carolina_tech_zone/). The Service Desk is open Monday – Friday from 8:00 AM – 6:00 PM (Eastern Time). If you are located in the Columbia, SC area, the Thomas Cooper Library at UofSC has computers for you to use in case you encounter computer issues/problems. If you are not located in the Columbia, SC area, most regional campuses and public libraries have computers for public use.

Course Assignments and Grading

General Assignment Information

Each student will receive a final grade based on the completion of class projects, quizzes, the participation in class critiques and the submission of research assignments.

Final Grade Weights	Percent
Projects	70%
Quizzes	5%
Research Assignments	10%
Critique	15%
Total	100%

Projects (70% of final grade)

Projects will require producing a finished creative, three-dimensional artwork. Every project will be accompanied by a detailed project description. Each project will be preceded by a demonstration of the necessary techniques, tools, and materials. Immediately following demonstrations there will be an opportunity for you to ask questions concerning the current assignment. If you do not understand something or just have a general question, PLEASE ASK! Each class project will receive a numerical

grade of 0 to 100. The project grades will be averaged, yielding a final project grade total, which will be 70% of the final grade.

Project Rubric: All projects will be graded with the following rubric, adjusted to meet the specific needs of each project.

- **Concept (20%):** Each project will cover specific challenges or introduce vocabulary and concepts that must be applied to your project.
- **Design (50%):** Each project will be expected to represent an expected standard of design execution. The design must communicate effectively your intentions while simultaneously need an expected standard of design execution.
- **Craftsmanship (30%):** Each project will need to employ a high level of craftsmanship, relevant to the materials and techniques utilized by the artist. All projects must be finished and presented at the scheduled class critique. Projects not submitted or unfinished will be subject to a reduced grade.

Quizzes (5% of final grade)

Be prepared to respond briefly in writing to short-answer or multiple choice questions on the assigned material during the semester.

Research Assignments (10% of final grade)

You will complete several research assignments throughout the semester, including but not limited to sketches, models, material samples/explorations, and writing assignments. Each research assignment will be graded based on its completion, in its entirety, to the expectations provided to you by your instructor. Failure to do so will result in a zero for the assignment.

Critique (15% of final grade)

Participation in each critique will be averaged, yielding a final participation grade, which will be 15% of the final grade.

At the end of each assignment there will be a class critique. EVERYONE is expected to take an active role in the discussion. It is only through your active participation everyone will develop to their fullest potential. Each project will be graded at the end of each critique.

Critiques are considered as exams for this course, and your attendance is mandatory. An absence for any critique will result in the forfeiture of your ENTIRE critique grade for the semester. Be prepared for each critique with all assignments finished and paint and glue thoroughly dried. As stated earlier, during the critiques each of you are expected to verbally express your ideas and knowledge pertaining to the project and course when applicable.

Instructional Methods

Each project will be preceded by material and tool demonstrations, sketches, model making, and material exploration. You will always be introduced to a material before you are expected to use it on a project. When possible, student examples will be provided for reference. Your instructor will provide a brief overview of the objectives for each class meeting. Class will begin promptly at the scheduled start time. Questions

are encouraged throughout class, and you are expected to communicate your ideas and work with your peers frequently throughout class.

Evaluation and Grading Scale

You can expect to receive a grade on all projects in a timely manner, unless extenuating circumstances prevent. All assignments assigned through Blackboard will have a grade posted on Blackboard. You are strongly encouraged to check your scores in Blackboard regularly. You are also encouraged to reach out to your instructor to check the status of your grade at any time. A final letter grade will be assigned based on the provided percentages.

Grading Scale

90% - 100% = A

85% - 89.9% = B+

80% - 84.9% = B

75% - 79.9% = C+

70% - 74.9% = C

65% - 69.9% = D+

60% - 64.9% = D

0% - 59.9% = F

Course Policies and Procedures

Room Care

At the end of each day, the studio should be in as good, if not better, condition than when we started. Everyone has responsibility for cleaning up their workspace and putting away or removing their work at the end of each day. At the end of the semester, all work must be removed from the room. Work that remains into the next semester will be thrown away.

Cell Phones

I will allow cell phones in moderation and at my discretion; namely for listening to music while you work in class. They are not to be used when I am speaking or going over an assignment, nor should they disrupt your work. If you abuse this privilege, it will be taken away. Cell phones and headphones are not permitted in the woodshop or during the operation of any power tools.

Dress Code

When you dress to come to this class, dress to get dirty. We will be using various construction methods that create dust and dirt. Be prepared to get grubby. If you are planning to attend a formal social event or need to look nice right after class, a change of clothes may be kept in your locker, and/or you may want to wear a shop apron.

Woodshop/Powertools

We will be working with powertools this semester, primarily in the woodshop. In order to use any of the equipment, you will have to pass a safety quiz, demonstrate proficiency, and adhere to additional dress code and safety procedures.

IMPORTANT NOTE: SVAD recommends that you wear closed toe shoes while working in the 3-D classroom or woodshop. If you have long hair, please keep it tied

back in a ponytail so that it can't be caught in any of our machinery. Also, before class remove any long necklaces and dangly bobbles that may get in your way.

Attendance Policy

Success in this course is dependent on your active participation throughout the course. You are expected to come to class awake, fed, and ready to work, think and talk. Your timely and engaged presence is expected at every class meeting. When you miss class, you miss important information. If you are absent, you are responsible for learning material covered in class. If the total number of absences exceeds 10%(3 classes) of the scheduled meeting times, whether excused or unexcused, your grade will be dropped one letter grade for each additional absence. If the total number of absences exceeds 25% (7 classes) of scheduled meeting times, no credit will be earned in this course. In summary, you may miss up to 3 classes without penalty and 4-7 classes with penalty. Class will begin promptly at the scheduled meeting time. Late arrival or early departure from a class meeting will be treated as a partial absence. Arriving more than 15 minutes late or leaving 15 minutes early on 2 occasions will equal 1 absence.

The University of South Carolina is required by law to excuse absences from class for the following reasons:

- Performance of a military duty or obligation imposed by state or federal law, as documented in writing by the appropriate state or federal authority.
- Legal obligation to appear at or participate in a judicial or administrative proceeding, including the performance of jury duty, as documented in writing by the appropriate judicial or administrative authority.
- Any medical condition related to pregnancy or childbirth, as documented by the student's health care provider, requiring the student's absence from class.
- A disability, as defined by the Americans with Disabilities Act and as documented by the Student with the Student Disability Resource Center, which prevents the student from attending class.
- Observance of a religious practice, holiday, or holy day, if the instructor of the class is provided written notification by the student of their intent to observe such religious practice, holiday or holy day no later than the end of the second week of regularly scheduled classes in a full fall or spring semester term, and within twice the length of the drop/add period for any other term. [Interfaith Calendar](#)

The University of South Carolina requires that absences from class for the following reasons must also be excused:

- Participation in an authorized University activity, in which the student plays a formal, required role. Such activities include, but are not limited to, musical performances, academic competitions, and varsity athletic events. University documentation of participation should be provided in advance of the absence.
- Illness or injury that is too severe or contagious for the student to attend class, with appropriate documentation.
- Death or severe illness of an immediate/dependent family member, with appropriate documentation.
- University closure for weather-related or other emergencies.

Late Work/Make-up Policy

Makeup assignments will be given without penalty if you have an [excused absence](#). Unexcused absences from assignments and projects will result in a significant point deduction of 10% for every calendar day after the initial the deadline. Review the course schedule for all assignment due dates.

Academic Integrity

You are expected to practice the highest possible standards of academic integrity. Any deviation from this expectation will result in a minimum academic penalty of your failing the assignment, and will result in additional disciplinary measures. This includes improper citation of sources, using another student's work, and any other form of academic misrepresentation.

The first tenet of the Carolinian Creed is, "I will practice personal and academic integrity."

Below are some websites for you to visit to learn more about University policies:

- [Carolinian Creed](http://www.sa.sc.edu/creed) (<http://www.sa.sc.edu/creed>)
- [Academic Responsibility](http://www.sc.edu/policies/staf625.pdf) (<http://www.sc.edu/policies/staf625.pdf>)
- [Office of Student Conduct and Academic Integrity](https://www.sa.sc.edu/academicintegrity/) (<https://www.sa.sc.edu/academicintegrity/>)
- [Information Security Policy and Standards](https://sc.edu/about/offices_and_divisions/division_of_information_technology/security/policy/universitypolicy/) (https://sc.edu/about/offices_and_divisions/division_of_information_technology/security/policy/universitypolicy/)

Plagiarism

Using the words or ideas of another as if they were one's own is a serious form of academic dishonesty. If another person's complete sentence, syntax, key words, or the specific or unique ideas and information are used, one must give that person credit through proper citation. The same can be said for artwork. Taking inspiration from others' work can often be a great method of creation, but the direct copying of another's work constitutes plagiarism.

Class Conduct

Professionalism will be expected at all times. Because the university classroom is a place designed for the free exchange of ideas, we must show respect for one another in all circumstances. We will show respect for one another by exhibiting patience and courtesy in our exchanges. Appropriate language and restraint from verbal attacks upon those whose perspectives differ from your own is a minimum requirement. Courtesy and kindness is the norm for those who participate in my class.

Diversity and Inclusion

The university and SVAD is committed to a campus environment that is inclusive, safe, and respectful for all persons, and one that fully embraces the Carolinian Creed. To that end, all course activities will be conducted in an atmosphere of friendly participation and interaction among colleagues, recognizing and appreciating the unique experiences, background, and point of view each student brings. You are expected at all times to

apply the highest academic standards to this course and to treat others with dignity and respect.

Accessibility, Disability, and Triggers [credit to [Dr. David Moscovitz](#)]

I am committed to ensuring course **accessibility** for all students. If you have a documented **disability** and expect reasonable accommodation to complete course requirements, *please notify me at least one week before accommodation is needed*. Provide **SDRC** (https://sc.edu/about/offices_and_divisions/student_disability_resource_center/) documentation to me before requesting accommodation. Likewise, if you are aware of cognitive or emotional **triggers** that could disrupt your intellectual or mental health, please let me know so that I can be aware in terms of course content.

Diversity, Ethics, and the Carolinian Creed [credit to [Dr. David Moscovitz](#)]

This course works to foster a climate free of harassment and discrimination, and it values the contributions of all forms of diversity. The decision to enter university and pursue advanced study is a choice that entails commitment to personal ethics expressed in the **Carolinian Creed** (www.sa.sc.edu/creed): “I will discourage bigotry, while striving to learn from differences in people, ideas and opinions.” Likewise, the **Student Code of Conduct** (STAF 6.26 (<http://www.sc.edu/policies/ppm/staf626.pdf>)) stresses, “The University of South Carolina strives to maintain an educational community that fosters the development of students who are ethical, civil and responsible persons.”

Title IX and Gendered Pronouns [credit to [Dr. David Moscovitz](#)]

This course affirms equality and respect for all gendered identities and expressions. Please don’t hesitate to correct me regarding your preferred gender pronoun and/or name if different from what is indicated on the official class roster. Likewise, I am committed to nurturing an environment free from discrimination and harassment. Consistent with Title IX policy, please be aware that I as a responsible employee am obligated to report information that you provide to me about a situation involving sexual harassment or assault.

Values [credit to [Dr. David Moscovitz](#)]

Two core values, inquiry and civility, govern our class. **Inquiry** demands that we all cultivate an open forum for exchange and substantiation of ideas. Strive to be creative, to take risks, and to challenge our conventional wisdom when you see the opportunity. **Civility** supports our inquiry by demanding ultimate respect for the voice, rights, and safety of others. Threatening or disruptive conduct may result in course and/or university dismissal. Civility also presumes basic *courtesy*: please be well rested, on time, and prepared for class, which includes time for a restroom stop *before* (not during) class and silencing all personal devices.

My perspective is that we never cease being students of this world, so I believe that attentive, reflective people always have something to learn from others. Good discussions can be energetic and passionate but are neither abusive nor offensive. Vibrant, vigorous inquiry derives from discussions that:

- challenge, defend, and apply different ideas, theories, perspectives, and skills,
- extend a body of knowledge into different arenas and applications, and

- result in a synergy that compels us to seek resolution to these discussions.

Expectations of the Instructor

I am expected to facilitate learning, answer questions appropriately, be fair and objective in grading, provide timely and useful feedback on assignments, maintain adequate office hours, and treat you as I would like to be treated. I am expected to push your work through questions, experimentation, and criticism.

Copyright/Fair Use

The instructor will cite and/or reference any materials used in this course that is not created. You, as students, are expected to not distribute any of these materials, resources, quizzes, tests, homework assignments, etc. (whether graded or ungraded).

Academic Success

Disability Services

[Student Disability Resource Center](http://www.sa.sc.edu/sds/) (<http://www.sa.sc.edu/sds/>): The Student Disability Resource Center (SDRC) empowers students to manage challenges and limitations imposed by disabilities. Students with disabilities are encouraged to contact me to discuss the logistics of any accommodations needed to fulfill course requirements (within the first week of the semester). In order to receive reasonable accommodations from me, you must be registered with the Student Disability Resource Center (1705 College Street, Close-Hipp Suite 102, Columbia, SC 29208, 803-777-6142). Any student with a documented disability should contact the SDRC to make arrangements for appropriate accommodations.

Student Success Center

In partnership with UofSC faculty, the Student Success Center (SSC) offers a number of programs to assist you in better understanding your course material and to aid you on your path to success. SSC programs are facilitated by professional staff, graduate students, and trained undergraduate peer leaders who have previously excelled in their courses. Resources available to you in this course may include:

- **Peer Tutoring:** You can make a one-on-one appointment with a [Peer Tutor](http://www.sc.edu/success) (www.sc.edu/success). Drop-in Tutoring and Online Tutoring may also be available for this course. Visit their website for a full schedule of times, locations, and courses.
- **Supplemental Instruction (SI):** SI Leaders are assigned to specific sections of courses and hold three weekly study sessions. Sessions focus on the most difficult content being covered in class. The SI Session schedule is posted through the SSC website each week and will also be communicated in class by the SI Leader.
- **Peer Writing:** Improve your college-level writing skills by bringing writing assignments from any of your classes to a Peer Writing Tutor. Similar to Tutoring, you can visit the website to make an appointment, and to view the full schedule of available drop-in hours and locations.

- **Success Consultations:** In Success Consultations, SSC staff assist you in developing study skills, setting goals, and connecting to a variety of campus resources. Throughout the semester, I may communicate with the Student Success Center regarding your progress throughout the semester, which indicates your instructor is concerned about your progress in this course. If contacted by the Student Success Center, please schedule a Success Consultation right away. Referrals are not punitive, and any information shared by your professor is confidential and subject to FERPA. Student Success Center services are offered to all UofSC undergraduates at no additional cost. Please call 803-777-1000, visit www.sc.edu/success, or come to the Student Success Center in the Thomas Cooper Library (Mezzanine Level) to check schedules and make appointments.

SSC services are offered to all UofSC undergraduates at no additional cost. You are invited to call the Student Success Hotline at (803) 777-1000, visit the [SSC website](http://www.sc.edu/success) (www.sc.edu/success), or stop by the SSC in the Thomas Cooper Library on the Mezzanine Level to check schedules and make appointments.

Writing Center

[Writing Center](http://artsandsciences.sc.edu/write/university-writing-center) (<http://artsandsciences.sc.edu/write/university-writing-center>)

This course has many of writing assignments. The University Writing Center is an important resource you should use! It's open to help any UofSC student needing assistance with a writing project at any stage of development. The main Writing Center is in Byrnes 703.

University Library Resources

[University Libraries Resources](http://sc.edu/libraries) (sc.edu/libraries)

- University Libraries has access to books, articles, subject specific resources, citation help, and more. If you are not sure where to start, please [Ask a Librarian!](http://sc.edu/libraries/ask) [Assistance is available at sc.edu/libraries/ask.](http://sc.edu/libraries/ask)
- Remember that if you use anything that is not your own writing or media (quotes from books, articles, interviews, websites, movies – everything) you must cite the source in MLA (or other appropriate and approved) format.

Blackboard and Technology

[Blackboard and Technology](https://sc.edu/about/offices_and_divisions/division_of_information_technology/end_user_services/available_technology_resources/)

(https://sc.edu/about/offices_and_divisions/division_of_information_technology/end_user_services/available_technology_resources/)

As a student in this course, you have access to support from the Division of Information Technology (DoIT) for Blackboard and computer issues. The service desk can be reached at 803-777-1800.

Counseling Services

[Counseling Services](https://sc.edu/about/offices_and_divisions/student_health_services/medical-services/counseling-and-psychiatry/index.php)

(https://sc.edu/about/offices_and_divisions/student_health_services/medical-services/counseling-and-psychiatry/index.php): The University offers counseling and crisis services as well as outreach services, self-help, and frequently asked questions.

Mental Health

If stress is impacting you or getting in the way of your ability to do your schoolwork, maintain relationships, eat, sleep, or enjoy yourself, please reach out to any of our mental health resources. Counseling & Psychiatry offers individual and group counseling and psychiatric services. You can schedule an appointment at (803) 777-5223 or on MyHealthSpace. You can also call after-hours for crisis counseling. Wellness Coaching can help you improve in areas related to emotional and physical wellbeing, such as sleep, resiliency, balanced eating and more. Wellness Coaching appointments can be made by calling 803-777-6518 or on MyHealthSpace. You can also access virtual self-help modules via [Therapy Assistance Online \(TAO\)](https://us.taoconnect.org/register) (<https://us.taoconnect.org/register>). Most of these services are offered at no cost as they are covered by the University Health Services tuition fee. For all available mental health resources, check out [University Health Services Mental Health](https://sc.edu/about/offices_and_divisions/health_services/mental-health/index.php) (https://sc.edu/about/offices_and_divisions/health_services/mental-health/index.php).

Interpersonal Violence

Interpersonal violence - including sexual harassment, relationship violence, sexual assault, and stalking - is prohibited at UofSC. Faculty, staff, and administrators encourage anyone experiencing interpersonal violence to speak with someone, so they can get the necessary support and UofSC can respond appropriately. If you or someone you know has been or is currently impacted by interpersonal violence, you can find the appropriate resources at the [Stop Interpersonal Violence](http://www.sc.edu/stopsexualassault) (<http://www.sc.edu/stopsexualassault>) website.

As faculty, I must report all incidents of interpersonal violence and sexual misconduct, and thus cannot guarantee confidentiality. Please know that you can seek [confidential resources](https://sc.edu/about/initiatives/safety/stop_sexual_assault/contacts/index.php) (https://sc.edu/about/initiatives/safety/stop_sexual_assault/contacts/index.php). If you want to make a formal report, you can [report here](https://cm.maxient.com/reportingform.php?UnivofSouthCarolinaEOP&layout_id=6) (https://cm.maxient.com/reportingform.php?UnivofSouthCarolinaEOP&layout_id=6) or contact the institution's Title IX Coordinator, or one of the Deputy Title IX Coordinators listed on the Stop Sexual Assault website. You can also file a police report by contacting USC Police at 803-777-4215.

McMaster's main entrances are open from 7am-9pm Monday through Friday, and closed on weekends. Students enrolled in SVAD courses who require access to facilities after 9pm can make a request for access. Applicants will need to supply a justification. Make sure to include the course number and the name of your professor when making a request.

It is the students' responsibility to remove and/or dispose of art works at the end of each semester. Student work should be removed from classrooms, offices, hallways, and/or exterior grounds no later than one week after final exams end. After this date, any work left in these places will be considered abandoned and disposed of as SVAD faculty or staff see fit. Students should contact their instructors about special end-of-semester office hours or pick-up times for art works in locked spaces.

ARTS 104-003 Schedule

*This schedule is subject to change. When possible, you will be given at least one week's notice of any changes, unless unforeseen circumstances prevent it.

*RA- Research Assignment

Week 1: January 10 & 12

T: Syllabus; Vocabulary Introduction; *Questionnaire(RA#)1 due on Monday by Midnight*

TR: **Syllabus Quiz**; Review Questionnaire; Zoob day; continue vocabulary introduction; *Homework (RA#2): Paper Samples due next class.*

Week 2: January 17 & 19

T: *Last day to change/drop a course without a grade of "W" being recorded*; Introduction of Paper project; Demonstrate Cube and paper manipulation; *Homework (RA#3): Bring 3 pages (front and back) of sketches to next class*

TR: Individual discussions; Continue Paper Project

Week 3: January 24 & 26

T: Continue Paper Project

TR: Continue Paper Project

Week 4: January 31 & February 2

T: Continue Paper Project

TR: **CRITIQUE Paper Project**; Homework (RA#4): Create a sphere, cylinder, and cube (~3") and Bring a "tool" you use every day to next class

Week 5: February 7 & 9

T: Line Drawings using "tool" brought to class; Share simple wire forms; Demonstrate Wire Techniques; Introduce Wire Project; Homework (RA#5): Bring 3 pages (front and back) of sketches to next class.

TR: Individual Discussions; Continue Wire Project

Week 6: February 14 & 16

T: Continue Wire Project

TR: **CRITIQUE Wire Project**

Week 7: February 21 & 23

T: Shape/Form Drawing Exercises; Introduce Wood Project; Introduce Safety Expectations; *Homework (RA#6): Bring 3 pages (front and back) of sketches to next class.*

TR: **Safety Quiz**; Tool Demonstrations; Continue Wood Project; *Homework (RA#7): model and/or template of final design due prior to starting your final wood project*

Week 8: February 28 & March 2

T: Tool Demonstrations; Continue Wood Project

TR: Tool Demonstrations; Continue Wood Project

Week 9: March 7 & 9

NO CLASS: SPRING BREAK

Week 10: March 14 & 16

T: Tool Demonstrations; Continue Wood Project

TR: Tool Demonstrations; Continue Wood Project

Week 11: March 21 & 23

T: Continue Wood Project

TR: Continue Wood Project

Week 12: March 28 & 30

T: Continue Wood Project

TR: Continue Wood Project

Week 13: April 4 & 6

T: **CRITIQUE Wood Project**; *Homework (RA#8): Material Exploration Assignment due next class; Homework (RA#9): Read "I, Pencil" and write a brief response to the article in Blackboard (due by 11:59pm November 14).*

TR: Share Material Exploration Assignment; Introduce Multiples Project; Homework (RA#10): Complete 3 pages (front and back) of sketches

Week 14: April 11 & 13

T: Continue Multiples Project

TR: Continue Multiples Project

Week 15: April 18 & 20

T: Continue Multiples Project

TR: **CRITIQUE Multiples Project**; final cleanup



Visual Art and Design

College of Arts and Sciences

Health and safety guidelines for studio art courses

Student waiver

Students participating in Studio classes must understand that certain materials used in creation of works of art are toxic. It is therefore important to exercise caution in using **any** artist's materials. It is mandatory that **all individuals**—faculty, students, assistants, and observers—use proper precautions and follow safe practices in their handling and use. Whether working alone or in a classroom setting, all individuals have a responsibility to use materials and equipment safely, wear appropriate personal protection equipment when required, and observe fire safety and ventilation protocols.

Even commonly used products can contain materials that may produce severe and even irreversible bodily damage. Certain products contain highly hazardous substances, which, with chronic exposures, may result in diseases such as leukemia, skin cancer, emphysema, silicosis, heart failure, and permanent damage to the nervous system. In addition, blindness, loss of hearing, loss of limbs can result from improper use of machinery and tools, lack of ventilation, or lack of protective gear and failure to follow appropriate practices.

The science of poisons and their effect on living organisms is called *toxicology*. The *toxicity* of a substance refers to the ability of that substance to do bodily harm or to add to the development of disease.

Workplace safety regulations regarding exposure to toxic substances are provided and administered by the U.S. Government through the Occupational Safety and Health Administration (OSHA).

Of particular importance in understanding the toxicity of a substance, and thereby appropriate use practices, is through information provided by manufacturers in the form of **Safety Data Sheets (SDS)**. These provide important health data – including specific information on toxicity of substances. There are SDS for each chemical used in art studios and labs; these are posted in a prominent place in the classroom. Any student who brings supplies/materials into a studio or classroom must have those supplies verified and approved by the Instructor because SDS are required to be on file for each chemical in use.

Things to remember:

To protect oneself, it is important to understand the pathways by which toxic substances can enter the body:

1. Inhalation
2. Skin Contact
3. Ingestion

Of the above, **inhalation** is particularly concerning, because all humans need to breathe. Particles of toxic substances can be released into the air in a variety of ways, and in some cases may be undetectable. In this, it is important to recognize that a smell associated with a substance, whether pleasant or unpleasant, is not a measure of its toxicity.

Substances can become *airborne* (and thus, *inhaled*) in several forms. In a solid form, these are called dusts, finely separated, powdery particles, varying in size, that do not *diffuse* (fragment) in the air. Ultimately these particles settle on surfaces because of gravity but may remain again airborne through agitation.

Substances can also become airborne through evaporation, by which liquid changes into a **vapor** - the gaseous form of material, which in its normal state is a solid or liquid. **Evaporation** is the process by which liquid changes into a vapor. The rate of this transformation is referred to as the **volatility** of the substance.

Generally, the term **aerosol** refers to particulate matter that remains in the air for long periods of time. Aerosols are comprised by:

1. **Fumes** which are extremely small solid particles are produced through a process that involves *vaporization* and subsequent *condensation* of solids. Since this is usually associated with metals, it is a factor which must be considered in welding or soldering.
2. **Gas** is a state of matter that has no definite volume or shape. It can expand or contract in relation to temperature and pressure.
3. **Mists** are finely separated *liquid* droplets suspended in the air.

The effect of hazardous substances on the body can be identified as:

1. Acute – a single or sudden event, such as a splash of acid
2. Chronic- repeated or prolonged exposure - cumulative
3. Multiple – exposure to two or more substances

The hazard presented by any particular substance is dependent on several factors:

1. How it is used
2. The duration of exposure

3. The frequency of contact
4. The amount of the substance used
5. The relative toxicity of the substance
6. Physical properties of substances, such as volatility, flammability, or causticity
7. The reaction of an individual's body to a particular substance

Knowing about the risks and following established practices is a pathway to safety. Following this path gives developing artists the freedom to make creative choices while working within safe parameters. It is important to recognize that following safe practices should be a **part** of the creative process, which accompanies other learning objectives.

Exposure to toxic substances can be controlled by various means:

1. **Substitution:** the elimination of toxic substances by replacing it with a substance that is non-toxic, or less-toxic
2. **Ventilation:** *removal* of dusts, vapors, and mists **at the point of origin** by **removing** contaminated air and **replacing** it with fresh air.
3. **Personal Protective Equipment (PPE):** gloves, aprons, safety glasses, eye goggles, face shields, and masks. UofSC employees are NOT permitted by law to use a "respirator" to protect themselves UNLESS they are currently enrolled, and actively participating in, an EHS approved Respirator Protection Program.

Faculty instructors will specify the safe use of all materials and identify those that are problematic at the beginning of each studio art course. It is important these warnings be respected, and that proper protocols be observed in both classroom and individual work settings. Additionally, all classrooms have signage that identifies materials of concern, and that instruct students in their safe use and application. In addition, it is required that resources such as fireproof safety cabinets, solvent collection systems, and ventilation systems be used according to practices that have been established in relation to the materials and processes of concern. Finally, all persons shall respect personal safety equipment requirements for items such as: safety goggles, rubber gloves, ear plugs, and dust masks. It is mandatory that all persons follow guidelines set forth.

In the event that accidental contamination occurs, consult the Safety Data Sheets for the substances that are used in each lab and classroom. These should be consulted to determine proper procedure for remediation and to protect human health.

General Considerations:

1. Wear recommended personal protection equipment at all times
2. Work in a well-ventilated area
3. Do not eat, drink, or smoke in the work area. Smoking on the UofSC campus is prohibited.
4. Know your materials: follow instructions from your faculty instructor, study warning labels, and ask questions when you are unsure.
5. Store flammable materials in appropriate containers and in fire safety cabinets.

6. Observe fire protocols.
7. Dispose of materials properly and as instructed by the faculty member.
8. When possible, substitute highly toxic materials for those that are safer.
9. Proper hygiene can prevent hazardous conditions. Wash your hands frequently, wear aprons and rubber gloves, remove dust.
10. If chemicals are spilled, notify the faculty member or lab technician immediately. Spills are to be cleaned up and reported, following university requirements.

UofSC spill response guidelines:

https://sc.edu/about/offices_and_divisions/ehs/occupational_and_environmental_safety/workplace_safety/spill_response/index.php

UofSC spill incident reporting form:

https://sc.edu/about/offices_and_divisions/ehs/research_and_laboratory_safety/chemical_and_lab_safety/emergency_equipment_and_procedures/index.php

11. Pregnant women, or those planning pregnancy, should limit exposure to toxic materials.
12. Know the location of emergency equipment such as fire extinguishers, first-aid kits, eye-wash stations, and fire exits.
13. Notify at least one other person if you are working independently and plan to use hazardous materials.
14. Remember that your skin is a protective barrier, but that it is not impermeable to certain materials that can penetrate it. Be careful with breaks in the skin, so that materials cannot penetrate the skin causing poisoning and infection. Be careful with materials that dry the skin and use moisturizing agents when needed.
15. A yearly medical check-up with appropriate testing is a good idea for those repeatedly working with hazardous substances.
16. Think of others utilizing the facility. Through appropriate use of materials and proper practices, you will protect their safety as well.

I have read and understand the School of Visual Art and Design Health and Safety Guidelines for Studio Art. I understand that additional instructions on health and safety that are pertinent to my course will also be provided throughout the semester. I also understand that failure to comply with these guidelines may result in the lowering of my course grade, as outlined on the syllabus.

Student's printed name _____

Student's signature _____

Date _____

**The University of South Carolina
School of Visual Art and Design**

Fall 2023

ARTS 225-001: Intro to 3D Studies

Prerequisites: ARTS104

TTh: 8:30am-11:15am

Room: MM102

Instructor: Bosse, Thomas

Office Hours: Tuesdays/Thursdays 11:30am-12:30pm in Room MM111B

Email: bosset@mailbox.sc.edu

Academic Bulletin Description

An introductory course in the concepts, materials, and techniques of three-dimensional media.

Full Course Description

This is a course for expressing one's ideas in three dimensions and through a variety of media. Students receive an introduction to the basic techniques, materials and terminology of 3D design, sculpture and contemporary art in general. Assignments in modeling, mixed media, installation and collaboration are included. Materials may include plaster, wood and metal, fabric, as well as found, mixed, and experimental medias. In order to give students a broader perspective on contemporary cultural production and thought, the course includes investigation of historical and theoretical aspects of contemporary art.

One set of concepts we investigate in this class is representation versus abstraction (or non-objective or non-representational.)

Abstraction: "Strictly speaking, it refers to art unconcerned with the literal depiction of things from the visible world—it can, however, refer to an object or image which has been distilled from the real world, or indeed, another work of art. Artwork that reshapes the natural world for expressive purposes is called abstract; that which derives from, but does not imitate a recognizable subject is called nonobjective abstraction."(definition from Wikipedia)

Representational art usually refers to images that are clearly recognizable for what they purport to be, such as a human figure, a banana, a tree, and so on. Such images need not be true to life. So a tree does not have to be green, or even upright, but it must clearly represent or be recognizable as a tree. By contrast, non-representational or abstract art consists of images that have no clear identity, and must be interpreted by the viewer." (<http://www.visual-arts-cork.com/representational-art.htm>).

Learning Outcomes: Upon successful completion of this course, undergraduate students will be able to:

- Indicate Knowledge of the history of contemporary sculpture within the medium or practice selected.
- Demonstrate an understanding of the working vocabulary of the mediums introduced
- Demonstrate effective technical skills across a range of methods and processes.
- Convert a proposal into a larger-scale project
- Present Clear and effective documentation of proposed ideas and completed works
- Critically assess and communicate verbally the conceptual and formal aesthetics of your work and the work of others.
- Demonstrate creativity, experimentation, and invention in the development and realization of artwork.

Course Structure Overview: We will meet twice a week in class for two hours and forty-five minutes. Demonstrations, lectures, and critiques will occur in the classroom. Blackboard will be utilized to post project information, deadlines, and other class information. It is your responsibility to check blackboard on a regular basis. This class requires you to work on projects and samples outside of class as well as inside to maintain an appropriate quality of work. The work produced in class will consist of writing, technical samples, sketches, models, proposals, and finished projects. Please expect to spend on average 4-6 hours per week outside of class working on assignments.

Grading and Evaluation: Each student will receive a final grade based on four categories of work that include: Major Projects, Minor Projects, Written Reflections, and Critique, each accounting for a different percentage of the final grade.

Assignment Category	Percentage of Final Grade
Major Projects	60%
Minor Projects	20%
Written Reflections	10%
Critique	10%
Total	100%

Detailed explanations and rubrics will be provided at the start of each assignment or project. A summary of projects is listed below but detailed explanations and rubrics will be provided at the start of each assignment or project.

- Major Projects (60% of Final Grade): There will be two Major Projects this semester, which will each require multiple weeks of preparation, samples, research, and models. Each project will be graded out of a total 100pts and averaged together to account for the final grade percentage. These projects will be more intensive than the minor projects. Major Projects will be completed and submitted in person at the time of its scheduled critique.
 - Major Project #1- Public Art Sculpture: This project will be graded out of 100pts, broken down into different components.
 - Artist Research-10pts
 - Technical Samples-10pts
 - Sketches-10pts
 - Model Making-10pts
 - Final Proposal-10pts
 - Finished Project-50pts
 - Total 100pts
 - Major Project #2- Size and Material Matters: This project will be graded out of 100pts, broken down into different components.
 - Artist Research-10pts
 - Material Research-10pts
 - Technical Samples-10pts
 - Sketches and/or Model-10pts
 - Finished Project-60pts
 - Total 100pts
- Minor Projects- 20% of Final Grade: There will be four minor projects completed throughout the semester. These are less time intensive than the Major Projects and are geared toward conceptual skill building. Minor projects will be completed and submitted in person at the time

of its scheduled critique. Each will earn a grade of 100pts and averaged together to account for the 20% of the final grade.

- Minor Project #1: Self Portrait
- Minor Project #2: Occupying Space
- Minor Project #3: Andy Goldsworthy Inspired
- Minor Project #4: Object Recreation
- Written Reflections- 10% of Final Grade: There will be 8 different readings throughout the semester that require written reflections. Written Reflections should consist of at approximately 250 words or more in response the material assigned. In addition to creating a written reflection, it is expected that students participate in oral conversations regarding the assigned material. Written Reflections will be submitted through Blackboard. Additional requirements and format for written reflections will be provided to you via blackboard.
- Critique- 10% of Final Grade: At the conclusion of each project, we will have a class critique. The attendance and participation of each critique is mandatory to receive full credit. Missing a critique may result in the forfeiture of your entire critique grade.

Course Materials: Most of your construction materials needed to complete the assignments will be provided to you. However, some materials may need to be provided by the student. Equipment available to you in the shop include various tools for woodworking, metalworking, and textiles. An assortment of general supplies will also be provided to you, including but not limited to adhesives, cardboard, cutting equipment, and more.

Communication and Feedback: You should expect a grade on all submitted assignments within a week, unless extenuating circumstances prevent it. Your final grade will be assigned within 72 hours of our assigned exam time. Informal feedback will be given regularly during class, and additional feedback is available if requested. Email and Blackboard will be the primary sources of communication from your instructor. Readings, Assignments, and additional content/information will be available through Blackboard.

Suggested Textbook: There is no required textbook for this class. However, *Passages in Modern Sculpture* by Rosalind E. Krauss is an excellent source of context and information that may assist you in your work. Assigned readings and videos will be provided to you and distributed through blackboard.

Suggested Sources for Materials: Most of your construction materials needed to complete the assignments will be provided to you, but many individually necessary materials need be provided by the student. Below is a list of general suppliers in the area that may have what you will need.

- Lowes
- Home Depot
- Mann Tool
- Dillon Columbia Supply Company

Required Materials: You will be required to provide only a **sketchbook** in addition to various materials you deem necessary to complete various assignments throughout the semester. You are encouraged to wait until after the first day of the semester to purchase anything to allow for a more thorough explanation by your instructor.

Attendance: Success in this course is dependent on your active participation throughout the course. You are expected to come to class awake, fed, and ready to work, think and talk. Your timely and engaged presence is expected at every class meeting. When you miss class, you miss important information. If you are absent, you are responsible for learning material covered in class. If the total number of absences exceeds 10%(3 classes) of the scheduled meeting times, whether excused or unexcused, your grade will be dropped one letter grade for each additional absence. If the total number of absences exceeds 25% (7 classes) of scheduled meeting times, no credit will be earned in this course. In summary, you may miss up to 3 classes without penalty and 4-7 classes with penalty. Class will begin promptly at the scheduled meeting time. Late arrival or early departure from a class meeting will be treated as a partial absence. Arriving more than 15 minutes late or leaving 15 minutes early on 2 occasions will equal 1 absence.

The University of South Carolina is required by law to excuse absences from class for the following reasons:

- Performance of a military duty or obligation imposed by state or federal law, as documented in writing by the appropriate state or federal authority.
- Legal obligation to appear at or participate in a judicial or administrative proceeding, including the performance of jury duty, as documented in writing by the appropriate judicial or administrative authority.
- Any medical condition related to pregnancy or childbirth, as documented by the student's health care provider, requiring the student's absence from class.
- A disability, as defined by the Americans with Disabilities Act and as documented by the Student with the Student Disability Resource Center, which prevents the student from attending class.
- Observance of a religious practice, holiday, or holy day, if the instructor of the class is provided written notification by the student of their intent to observe such religious practice, holiday or holy day no later than the end of the second week of regularly scheduled classes in a full fall or spring semester term, and within twice the length of the drop/add period for any other term. [Interfaith Calendar](#)

The University of South Carolina requires that absences from class for the following reasons must also be excused:

- Participation in an authorized University activity, in which the student plays a formal, required role. Such activities include, but are not limited to, musical performances, academic competitions, and varsity athletic events. University documentation of participation should be provided in advance of the absence.
- Illness or injury that is too severe or contagious for the student to attend class, with appropriate documentation.
- Death or severe illness of an immediate/dependent family member, with appropriate documentation.
- University closure for weather-related or other emergencies.

Late Work/Make-up Policy

Makeup assignments will be given without penalty if you have an [excused absence](#). Unexcused absences from assignments and projects will result in a significant point deduction of 10% for every calendar day after the initial the deadline. Review the course schedule for all assignment due dates.

Dress Code and Safety: Follow all guidelines provided. Additional Dress Code and Safety requirements may be provided, based on the specific procedures and tools being used or demonstrated.

- NO open-toed shoes permitted in the sculpture studio, wood/metals shop, or sculpture yard.
- Natural Fibers should be worn when working with any processes or materials, such as metal, that produce heat.

- Pants are required when operating any metalworking equipment, including but not limited to: welders, grinders, horizontal bandsaws, sanders, or blacksmithing equipment.
- Safety glasses must be worn while working with most tools/equipment, and must be worn while present in the wood/metals shop.
- Long hair as well as loose jewelry and clothes should be under control.
- Use appropriate safety equipment when dealing with chemicals, such as ventilation, gloves, etc.
- Do NOT use any tools or equipment unless your instructor has demonstrated to you its use and safety. You must also demonstrate to your instructor your understanding of the operation of any tool you use along with proper safety procedures.
- Hearing Protection is strongly encouraged in the classroom and other work areas.
- If you do not feel comfortable using any piece of equipment, ask for assistance.
- Before leaving, make sure all equipment is shut off and returned to their original location.
- Be aware of your surroundings, paying attention to any potential hazards.
- Do not work alone
- Make sure the door is closed and locked behind you when you leave.
- You are not permitted to use the shop unless it is being supervised by an approved supervisor.
- You must earn 100% on the general safety quiz provided to you in order to use the shop or any equipment. You are permitted as many attempts as possible to earn 100%
- A log of all approved tools will be kept by your instructor and yourself.

Cell Phones: Cell phones are only to be used with permission by the instructor. If you have an important call or message, exit the classroom. Because we are using machinery and equipment, you will not be permitted to use headphones in most situations. It is imperative you can hear your instructor or others in case of an emergency or to protect yourself, others, or equipment. Headphones are never permitted in the wood/metals shop.

Academic Integrity

You are expected to practice the highest possible standards of academic integrity. Any deviation from this expectation will result in a minimum academic penalty of your failing the assignment, and will result in additional disciplinary measures. This includes improper citation of sources, using another student's work, and any other form of academic misrepresentation.

The first tenet of the Carolinian Creed is, "I will practice personal and academic integrity."

Below are some websites for you to visit to learn more about University policies:

- [Carolinian Creed](http://www.sa.sc.edu/creed) (http://www.sa.sc.edu/creed)
- [Academic Responsibility](http://www.sc.edu/policies/staf625.pdf) (http://www.sc.edu/policies/staf625.pdf)
- [Office of Student Conduct and Academic Integrity](https://www.sa.sc.edu/academicintegrity/) (https://www.sa.sc.edu/academicintegrity/)
- [Information Security Policy and Standards](https://sc.edu/about/offices_and_divisions/division_of_information_technology/security/policy/universitypolicy/) (https://sc.edu/about/offices_and_divisions/division_of_information_technology/security/policy/universitypolicy/)

Plagiarism

Using the words or ideas of another as if they were one's own is a serious form of academic dishonesty. If another person's complete sentence, syntax, key words, or the specific or unique ideas and information are used, one must give that person credit through proper citation. The same can be said for artwork. Taking inspiration from others' work can often be a great method of creation, but the direct copying of another's work constitutes plagiarism.

Class Conduct

Professionalism will be expected at all times. Because the university classroom is a place designed for the free exchange of ideas, we must show respect for one another in all circumstances. We will show respect for one another by exhibiting patience and courtesy in our exchanges. Appropriate language and restraint from verbal attacks upon those whose perspectives differ from your own is a minimum requirement. Courtesy and kindness is the norm for those who participate in my class.

Diversity and Inclusion

The university and SVAD is committed to a campus environment that is inclusive, safe, and respectful for all persons, and one that fully embraces the Carolinian Creed. To that end, all course activities will be conducted in an atmosphere of friendly participation and interaction among colleagues, recognizing and appreciating the unique experiences, background, and point of view each student brings. You are expected at all times to apply the highest academic standards to this course and to treat others with dignity and respect.

Accessibility, Disability, and Triggers [credit to Dr. David Moscovitz]

I am committed to ensuring course **accessibility** for all students. If you have a documented **disability** and expect reasonable accommodation to complete course requirements, *please notify me at least one week before accommodation is needed.*

Provide **SDRC** (https://sc.edu/about/offices_and_divisions/student_disability_resource_center/) documentation to me before requesting accommodation. Likewise, if you are aware of cognitive or emotional **triggers** that could disrupt your intellectual or mental health, please let me know so that I can be aware in terms of course content.

Diversity, Ethics, and the Carolinian Creed [credit to Dr. David Moscovitz]

This course works to foster a climate free of harassment and discrimination, and it values the contributions of all forms of diversity. The decision to enter university and pursue advanced study is a choice that entails commitment to personal ethics expressed in the Carolinian Creed (www.sa.sc.edu/creed): "I will discourage bigotry, while striving to learn from differences in people, ideas and opinions." Likewise, the Student Code of Conduct (STAF 6.26 (<http://www.sc.edu/policies/ppm/staf626.pdf>) stresses, "The University of South Carolina strives to maintain an educational community that fosters the development of students who are ethical, civil and responsible persons."

Title IX and Gendered Pronouns [credit to Dr. David Moscovitz]

This course affirms equality and respect for all gendered identities and expressions. Please don't hesitate to correct me regarding your preferred gender pronoun and/or name if different from what is indicated on the official class roster. Likewise, I am committed to nurturing an environment free from discrimination and harassment. Consistent with Title IX policy, please be aware that I as a responsible employee am obligated to report information that you provide to me about a situation involving sexual harassment or assault.

Values [credit to Dr. David Moscovitz]

Two core values, inquiry and civility, govern our class. **Inquiry** demands that we all cultivate an open forum for exchange and substantiation of ideas. Strive to be creative, to take risks, and to challenge our conventional wisdom when you see the opportunity. **Civility** supports our inquiry by demanding ultimate respect for the voice, rights, and safety of others. Threatening or disruptive conduct may result in course and/or university dismissal. Civility also presumes basic *courtesy*: please be well rested, on

time, and prepared for class, which includes time for a restroom stop *before* (not during) class and silencing all personal devices.

My perspective is that we never cease being students of this world, so I believe that attentive, reflective people always have something to learn from others. Good discussions can be energetic and passionate but are neither abusive nor offensive. Vibrant, vigorous inquiry derives from discussions that:

- challenge, defend, and apply different ideas, theories, perspectives, and skills,
- extend a body of knowledge into different arenas and applications, and
- result in a synergy that compels us to seek resolution to these discussions.

Expectations of the Instructor

I am expected to facilitate learning, answer questions appropriately, be fair and objective in grading, provide timely and useful feedback on assignments, maintain adequate office hours, and treat you as I would like to be treated. I am expected to push your work through questions, experimentation, and criticism.

Copyright/Fair Use

The instructor will cite and/or reference any materials used in this course that is not created. You, as students, are expected to not distribute any of these materials, resources, quizzes, tests, homework assignments, etc. (whether graded or ungraded).

Academic Success

Disability Services

[Student Disability Resource Center](http://www.sa.sc.edu/sds/) (<http://www.sa.sc.edu/sds/>): The Student Disability Resource Center (SDRC) empowers students to manage challenges and limitations imposed by disabilities. Students with disabilities are encouraged to contact me to discuss the logistics of any accommodations needed to fulfill course requirements (within the first week of the semester). In order to receive reasonable accommodations from me, you must be registered with the Student Disability Resource Center (1705 College Street, Close-Hipp Suite 102, Columbia, SC 29208, 803-777-6142). Any student with a documented disability should contact the SDRC to make arrangements for appropriate accommodations.

Student Success Center

In partnership with UofSC faculty, the Student Success Center (SSC) offers a number of programs to assist you in better understanding your course material and to aid you on your path to success. SSC programs are facilitated by professional staff, graduate students, and trained undergraduate peer leaders who have previously excelled in their courses. Resources available to you in this course may include:

- **Peer Tutoring:** You can make a one-on-one appointment with a [Peer Tutor](#) (www.sc.edu/success). Drop-in Tutoring and Online Tutoring may also be available for this course. Visit their website for a full schedule of times, locations, and courses.
- **Supplemental Instruction (SI):** SI Leaders are assigned to specific sections of courses and hold three weekly study sessions. Sessions focus on the most difficult content being covered in class. The SI Session schedule is posted through the SSC website each week and will also be communicated in class by the SI Leader.

- **Peer Writing:** Improve your college-level writing skills by bringing writing assignments from any of your classes to a Peer Writing Tutor. Similar to Tutoring, you can visit the website to make an appointment, and to view the full schedule of available drop-in hours and locations.
- **Success Consultations:** In Success Consultations, SSC staff assist you in developing study skills, setting goals, and connecting to a variety of campus resources. Throughout the semester, I may communicate with the Student Success Center regarding your progress throughout the semester, which indicates your instructor is concerned about your progress in this course. If contacted by the Student Success Center, please schedule a Success Consultation right away. Referrals are not punitive, and any information shared by your professor is confidential and subject to FERPA. Student Success Center services are offered to all UofSC undergraduates at no additional cost. Please call 803-777-1000, visit www.sc.edu/success, or come to the Student Success Center in the Thomas Cooper Library (Mezzanine Level) to check schedules and make appointments.

SSC services are offered to all UofSC undergraduates at no additional cost. You are invited to call the Student Success Hotline at (803) 777-1000, visit the [SSC website](http://www.sc.edu/success) (www.sc.edu/success), or stop by the SSC in the Thomas Cooper Library on the Mezzanine Level to check schedules and make appointments.

Writing Center

[Writing Center](http://artsandsciences.sc.edu/write/university-writing-center) (<http://artsandsciences.sc.edu/write/university-writing-center>)

This course has many of writing assignments. The University Writing Center is an important resource you should use! It's open to help any UofSC student needing assistance with a writing project at any stage of development. The main Writing Center is in Byrnes 703.

University Library Resources

[University Libraries Resources](http://sc.edu/libraries) (sc.edu/libraries)

- University Libraries has access to books, articles, subject specific resources, citation help, and more. If you are not sure where to start, please [Ask a Librarian!](#) [Assistance is available at sc.edu/libraries/ask](http://sc.edu/libraries/ask).
- Remember that if you use anything that is not your own writing or media (quotes from books, articles, interviews, websites, movies – everything) you must cite the source in MLA (or other appropriate and approved) format.

Blackboard and Technology

[Blackboard and Technology](https://sc.edu/about/offices_and_divisions/division_of_information_technology/end_user_services/available_technology_resources/)

(https://sc.edu/about/offices_and_divisions/division_of_information_technology/end_user_services/available_technology_resources/)

As a student in this course, you have access to support from the Division of Information Technology (DoIT) for Blackboard and computer issues. The service desk can be reached at 803-777-1800.

Counseling Services

[Counseling Services](https://sc.edu/about/offices_and_divisions/student_health_services/medical-services/counseling-and-psychiatry/index.php) (https://sc.edu/about/offices_and_divisions/student_health_services/medical-services/counseling-and-psychiatry/index.php): The University offers counseling and crisis services as well as outreach services, self-help, and frequently asked questions.

Mental Health

If stress is impacting you or getting in the way of your ability to do your schoolwork, maintain relationships, eat, sleep, or enjoy yourself, please reach out to any of our mental health resources. Counseling & Psychiatry offers individual and group counseling and psychiatric services. You can schedule an appointment at (803) 777-5223 or on MyHealthSpace. You can also call after-hours for crisis counseling. Wellness Coaching can help you improve in areas related to emotional and physical wellbeing, such as sleep, resiliency, balanced eating and more. Wellness Coaching appointments can be made by calling 803-777-6518 or on MyHealthSpace. You can also access virtual self-help modules via [Therapy Assistance Online \(TAO\)](https://us.taoconnect.org/register) (<https://us.taoconnect.org/register>). Most of these services are offered at no cost as they are covered by the University Health Services tuition fee. For all available mental health resources, check out [University Health Services Mental Health](https://sc.edu/about/offices_and_divisions/health_services/mental-health/index.php) (https://sc.edu/about/offices_and_divisions/health_services/mental-health/index.php).

Interpersonal Violence

Interpersonal violence - including sexual harassment, relationship violence, sexual assault, and stalking - is prohibited at UofSC. Faculty, staff, and administrators encourage anyone experiencing interpersonal violence to speak with someone, so they can get the necessary support and UofSC can respond appropriately. If you or someone you know has been or is currently impacted by interpersonal violence, you can find the appropriate resources at the [Stop Interpersonal Violence](http://www.sc.edu/stopsexualassault) (<http://www.sc.edu/stopsexualassault>) website.

As faculty, I must report all incidents of interpersonal violence and sexual misconduct, and thus cannot guarantee confidentiality. Please know that you can seek [confidential resources](https://sc.edu/about/initiatives/safety/stop_sexual_assault/contacts/index.php) (https://sc.edu/about/initiatives/safety/stop_sexual_assault/contacts/index.php). If you want to make a formal report, you can [report here](https://cm.maxient.com/reportingform.php?UnivofSouthCarolinaEOP&layout_id=6) (https://cm.maxient.com/reportingform.php?UnivofSouthCarolinaEOP&layout_id=6) or contact the institution's Title IX Coordinator, or one of the Deputy Title IX Coordinators listed on the Stop Sexual Assault website. You can also file a police report by contacting USC Police at 803-777-4215.

McMaster's main entrances are open from 7am-9pm Monday through Friday, and closed on weekends. Students enrolled in SVAD courses who require access to facilities after 9pm can make a request for access. Applicants will need to supply a justification. Make sure to include the course number and the name of your professor when making a request.

It is the students' responsibility to remove and/or dispose of art works at the end of each semester. You may be required to remove and/or dispose of art works after they have been submitted and a grade recorded in order to save space. Student work should be removed from classrooms, offices, hallways, and/or exterior grounds no later than one week after final exams end. After this date, any work left in these places will be considered abandoned and disposed of as SVAD faculty or staff see fit. Students should contact their instructors about special end-of-semester office hours or pick-up times for art works in locked spaces.

You may be asked by your instructor to keep certain work in the classroom or premises to be displayed, installed, or to be included in various exhibitions on campus. You will be made aware of such situations whenever possible. It is asked of you not to destroy or relocate work to a location where it cannot be retrieved without first consulting your instructor in the event that you may be asked to secure it for the same reasons stated above.

ARTS225/325/326 Schedule for Fall 2023

*This calendar is subject to change, including the scheduling of field trips to local artist studios. You will be given at least a week's notice unless extenuating circumstances prevent advanced notification.

	Day	Date	Topic	Due Today
1	TH	8/24/2023	First Day of Classes; Review Syllabus, Schedule and Expectations; Questionnaire; Introduce Self-Presentation assignment	
2	T	8/29/2023	Presentations; One day in-class Exercise	Self-Presentations
	W	8/30/2023	Last Day to Drop/Add w/o "W" grade	
3	TH	8/31/2023	Shop Orientation; Discuss Reflection #1; Introduce Minor Project #1: Self-Portrait	Reflection #1: "Ornament and Crime"
4	T	9/5/2023	Safety Quiz ; Discuss Reflection #2; Introduce Major Project #1: Public Sculpture Project; Drawing Exercises; Introduce Concrete Casting Sample	Reflection #2: Sculpture with a function: Crossing the High Art-Low Art Barrier
5	TH	9/7/2023	"College Bash", hosted by the Columbia Museum of Art-5pm (not required); Discuss Reflection #3; Woodshop Introduction; Begin Concrete Casting Sample Molds	Reflection #3: Materials and Processes of Contemporary Sculpture: Chapter1
6	T	9/12/2023	Discuss Reflection #4; Continue Woodshop Demos; Work day (concrete molds, Minor Project #1, Public Sculpture Project sketches)	Reflection #4: Maker's Voices: Four Themes in Material Literacy in Contemporary Sculpture"
7	TH	9/14/2023	Critique Minor Project #1 ; Pour Concrete Casting Samples; Basic Forging Demonstration	Minor Project 1 Due
8	T	9/19/2023	Discuss Concrete Pours; Continue Forging Demonstrations; Individual Meetings to discuss Public Sculpture Proposal; Work Day	Artist Research Assignment
				Sketches Due for Public Sculpture Proposal
9	TH	9/21/2023	Discuss Reflection #5; Introduce Minor Project #2; Continue Forging Demonstrations (if needed); Work Day	Reflection #5: Andy Goldsworthy Natural Sculptures with Ice, Stone, and More.
	F	9/22/2023	Family Weekend Blacksmithing Demonstration	
10	T	9/26/2023	Welding Demonstrations; Individual Meetings about models; Work Day	Model for Public Sculpture Proposal Due
11	TH	9/28/2023	Work Day	Material List Due for Public Sculpture Proposal
12	T	10/3/2023	Introduce Major Project #2: Size and Material Matters; Work Day	
13	TH	10/5/2023	Work Day	
14	T	10/10/2023	Work Day	Welding Samples Due (Public Art Project)
15	TH	10/12/2023	Work Day	

	Day	Date	Topic	Due Today
16	T	10/17/2023	Critique Minor Project 2; Work Day	Minor Project 2 Due
	TH	10/19/2023	Fall Break (No Classes)	
	F	10/20/2023	Fall Break (No Classes)	
17	T	10/24/2023	Discuss Reflection #6; Introduce Minor Project #3; Work Day	Reflection #6: Raw Craft Episodes
18	TH	10/26/2023	Work Day	
19	T	10/31/2023	Critique Major Project #2; Work Day	Major Project #2 Due
20	TH	11/2/2023	Discuss Reflection #7; Work Day	Reflection #7: Public Art? Examining the Differences between Contemporary Sculpture inside and outside the Art Institution
21	T	11/7/2023	Work Day	Major Project#1 Proposal
	W	11/8/2023	Last Day to Drop or W w/o "WF" grade	
22	TH	11/9/2023	Critique Minor Project 3	Minor Project 3 Due
23	T	11/14/2023	Introduce Minor Project #4; Work Day	Reflection #8: Time
24	TH	11/16/2023	Work Day	
25	T	11/21/2023	Work Day	
	W	11/22/2023	Thanksgiving Holiday (No Classes)	
	TH	11/23/2023	Thanksgiving Holiday (No Classes)	
	F	11/24/2023	Thanksgiving Holiday (No Classes)	
26	T	11/28/2023	Critique Minor Project #4; Work Day	Minor Project 4 Due
27	TH	11/30/2023	Work Day	
28	T	12/5/2023	Work Day	
29	TH	12/7/2023	Last Day of Classes	
	TH	12/14/2023	Final Critique at 9am	Major Project #1: Public Art Project Due
	M	12/18/2023	Commencement	

*McMaster Gallery Exhibitions for Fall2023:

- "Beyond Violet", Christina Kerns, Aug 31-Oct 1
- "You Seem Like the Right Type", Mark Addison Smith, Oct 26-Nov 30
- MFA Exhibition, Jiratchaya "KJ" Kranjanaviboon, Dec 6-13

*Columbia Museum of Art Exhibitions:

- "Stories of Grace", Tina Williams Brewer, June 30-Sep 3
- "Bullets and Band-aids: a Veteran Anthology", March 30-Sep 3
- "Constantine Manos: A Greek Portfolio", Constantine Manos, April 7- Oct 22
- "Lee Alexander McQueen and Ann Ray: Rendezvous" Oct 7-Jan 21



Visual Art and Design

College of Arts and Sciences

Health and safety guidelines for studio art courses

Student waiver

Students participating in Studio classes must understand that certain materials used in creation of works of art are toxic. It is therefore important to exercise caution in using **any** artist's materials. It is mandatory that **all individuals**—faculty, students, assistants, and observers—use proper precautions and follow safe practices in their handling and use. Whether working alone or in a classroom setting, all individuals have a responsibility to use materials and equipment safely, wear appropriate personal protection equipment when required, and observe fire safety and ventilation protocols.

Even commonly used products can contain materials that may produce severe and even irreversible bodily damage. Certain products contain highly hazardous substances, which, with chronic exposures, may result in diseases such as leukemia, skin cancer, emphysema, silicosis, heart failure, and permanent damage to the nervous system. In addition, blindness, loss of hearing, loss of limbs can result from improper use of machinery and tools, lack of ventilation, or lack of protective gear and failure to follow appropriate practices.

The science of poisons and their effect on living organisms is called *toxicology*. The *toxicity* of a substance refers to the ability of that substance to do bodily harm or to add to the development of disease.

Workplace safety regulations regarding exposure to toxic substances are provided and administered by the U.S. Government through the Occupational Safety and Health Administration (OSHA).

Of particular importance in understanding the toxicity of a substance, and thereby appropriate use practices, is through information provided by manufacturers in the form of **Safety Data Sheets (SDS)**. These provide important health data – including specific information on toxicity of substances. There are SDS for each chemical used in art studios and labs; these are posted in a prominent place in the classroom. Any student who brings supplies/materials into a studio or classroom must have those supplies verified and approved by the Instructor because SDS are required to be on file for each chemical in use.

Things to remember:

To protect oneself, it is important to understand the pathways by which toxic substances can enter the body:

1. Inhalation
2. Skin Contact
3. Ingestion

Of the above, **inhalation** is particularly concerning, because all humans need to breathe. Particles of toxic substances can be released into the air in a variety of ways, and in some cases may be undetectable. In this, it is important to recognize that a smell associated with a substance, whether pleasant or unpleasant, is not a measure of its toxicity.

Substances can become *airborne* (and thus, *inhaled*) in several forms. In a solid form, these are called dusts, finely separated, powdery particles, varying in size, that do not *diffuse* (fragment) in the air. Ultimately these particles settle on surfaces because of gravity but may remain again airborne through agitation.

Substances can also become airborne through evaporation, by which liquid changes into a **vapor** - the gaseous form of material, which in its normal state is a solid or liquid. **Evaporation** is the process by which liquid changes into a vapor. The rate of this transformation is referred to as the **volatility** of the substance.

Generally, the term **aerosol** refers to particulate matter that remains in the air for long periods of time. Aerosols are comprised by:

1. **Fumes** which are extremely small solid particles are produced through a process that involves *vaporization* and subsequent *condensation* of solids. Since this is usually associated with metals, it is a factor which must be considered in welding or soldering.
2. **Gas** is a state of matter that has no definite volume or shape. It can expand or contract in relation to temperature and pressure.
3. **Mists** are finely separated *liquid* droplets suspended in the air.

The effect of hazardous substances on the body can be identified as:

1. Acute – a single or sudden event, such as a splash of acid
2. Chronic- repeated or prolonged exposure - cumulative
3. Multiple – exposure to two or more substances

The hazard presented by any particular substance is dependent on several factors:

1. How it is used
2. The duration of exposure
3. The frequency of contact
4. The amount of the substance used
5. The relative toxicity of the substance
6. Physical properties of substances, such as volatility, flammability, or causticity
7. The reaction of an individual's body to a particular substance

Knowing about the risks and following established practices is a pathway to safety. Following this path gives developing artists the freedom to make creative choices while working within safe parameters. It is important to recognize that following safe practices should be a **part** of the creative process, which accompanies other learning objectives.

Exposure to toxic substances can be controlled by various means:

1. **Substitution:** the elimination of toxic substances by replacing it with a substance that is non-toxic, or less-toxic
2. **Ventilation:** *removal* of dusts, vapors, and mists **at the point of origin** by *removing* contaminated air and *replacing* it with fresh air.
3. **Personal Protective Equipment (PPE):** gloves, aprons, safety glasses, eye goggles, face shields, and masks. UofSC employees are NOT permitted by law to use a “respirator” to protect themselves UNLESS they are currently enrolled, and actively participating in, an EHS approved Respirator Protection Program.

Faculty instructors will specify the safe use of all materials and identify those that are problematic at the beginning of each studio art course. It is important these warnings be respected, and that proper protocols be observed in both classroom and individual work settings. Additionally, all classrooms have signage that identifies materials of concern, and that instruct students in their safe use and application. In addition, it is required that resources such as fireproof safety cabinets, solvent collection systems, and ventilation systems be used according to practices that have been established in relation to the materials and processes of concern. Finally, all persons shall respect personal safety equipment requirements for items such as: safety goggles, rubber gloves, ear plugs, and dust masks. It is mandatory that all persons follow guidelines set forth.

In the event that accidental contamination occurs, consult the Safety Data Sheets for the substances that are used in each lab and classroom. These should be consulted to determine proper procedure for remediation and to protect human health.

General Considerations:

1. Wear recommended personal protection equipment at all times
2. Work in a well-ventilated area
3. Do not eat, drink, or smoke in the work area. Smoking on the UofSC campus is prohibited.
4. Know your materials: follow instructions from your faculty instructor, study warning labels, and ask questions when you are unsure.
5. Store flammable materials in appropriate containers and in fire safety cabinets.
6. Observe fire protocols.
7. Dispose of materials properly and as instructed by the faculty member.
8. When possible, substitute highly toxic materials for those that are safer.
9. Proper hygiene can prevent hazardous conditions. Wash your hands frequently, wear aprons and rubber gloves, remove dust.
10. If chemicals are spilled, notify the faculty member or lab technician immediately. Spills are to be cleaned up and reported, following university requirements.

UofSC spill response guidelines:

https://sc.edu/about/offices_and_divisions/ehs/occupational_and_environmental_safety/workplace_safety/spill_response/index.php

UofSC spill incident reporting form:

https://sc.edu/about/offices_and_divisions/ehs/research_and_laboratory_safety/chemical_and_lab_safety/emergency_equipment_and_procedures/index.php

11. Pregnant women, or those planning pregnancy, should limit exposure to toxic materials.
12. Know the location of emergency equipment such as fire extinguishers, first-aid kits, eye-wash stations, and fire exits.
13. Notify at least one other person if you are working independently and plan to use hazardous materials.
14. Remember that your skin is a protective barrier, but that it is not impermeable to certain materials that can penetrate it. Be careful with breaks in the skin, so that materials cannot penetrate the skin causing poisoning and infection. Be careful with materials that dry the skin and use moisturizing agents when needed.
15. A yearly medical check-up with appropriate testing is a good idea for those repeatedly working with hazardous substances.
16. Think of others utilizing the facility. Through appropriate use of materials and proper practices, you will protect their safety as well.

I have read and understand the School of Visual Art and Design Health and Safety Guidelines for Studio Art. I understand that additional instructions on health and safety that are pertinent to my course will also be provided throughout the semester. I also understand that failure to comply with these guidelines may result in the lowering of my course grade, as outlined on the syllabus.

Student's printed name _____

Student's signature _____ **Date** _____

**The University of South Carolina
School of Visual Art and Design**

Fall 2023

ARTS 255-001: Introduction to Jewelry Making

Prerequisites: None

MW: 8:05am-10:50am

Room: MM111

Instructor: Bosse, Thomas

Office Hours: Tuesdays/Thursdays 11:30am-12:30pm in Room MM111B

Email: bosset@mailbox.sc.edu

Academic Bulletin Course Description: Introduction to concepts and design of jewelry objects in a variety of metals and other materials.

Course Summary: Through the creation of technical samples, students will design and construct several original jewelry projects that relate to contemporary jewelry and metalsmithing. Through formal and informal critiques, students will utilize vocabulary, visual language skills, and their understanding of craftsmanship and techniques to communicate ideas and interpret the work of others in a collaborative studio environment.

Course Learning Outcomes: Upon successful completion of this course, undergraduate students will be able to:

- Demonstrate proficiency in a range of techniques, including but not limited to: sawing/piercing, texturing, cold connections, soldering, forming, finishing
- Develop original designs in response to prompts related to the contemporary field of jewelry and metalsmithing
- Apply demonstrated techniques to fabricate and finish a variety of jewelry projects
- Effectively communicate the merits of your work and the work of others.

*Additionally, Graduate Students will be expected to produce finished work that demonstrates mastery of design, fabrication, and finishing jewelry forms

Course Structure Overview: We will meet twice a week in class for two hours and forty-five minutes. Demonstrations, lectures, and critiques will occur in the classroom. Blackboard will be utilized to post project information, deadlines, and other class information. It is your responsibility to check blackboard on a regular basis. This class requires you to work on projects and samples outside of class as well as inside to maintain an appropriate quality of work. The work produced in class will consist of technical samples and finished projects.

Grading and Evaluation: Each student will receive a final grade based on the completion of technical samples, completion of projects, and participation in class critiques. Detailed explanations and rubrics will be provided at the start of each assignment or project.

- Technical Samples (25% of Final Grade): You will be given a series of technical samples to finish, graded based on completion and proficiency. List of Technical Samples:
 - Texture Samples (25% of Technical Sample Grade): Ten texture samples demonstrating proficiency in several techniques, including but not limited to sawing, piercing, rivets, surface design, hammering, stamping, and etching

- Forming Samples (25% of Technical Sample Grade): Three forming samples demonstrating proficiency in forming and shaping metal using the hydraulic press or an assortment of hammers and stakes.
- Soldering Samples (25% of Technical Sample Grade): Seven samples demonstrating proficiency in basic soldering techniques.
- Stone Setting Samples (25% of Technical Sample Grade): Two simple design samples demonstrating proficiency in basic stone setting techniques.

Technical Sample Rubric (10pts. Possible):

- Execution of technique (6pt.)
 - Creativity in Execution (2pt.)
 - Cleanliness/Finishing of Sample (2pt.)
- Projects (60% of Final Grade): Using taught techniques, you will create completed works that meet various objectives. Each project requires the completion of finished, structural sound, and well-crafted objects that meets the objectives presented.
 - Cold Connection Project (25% of Project Grade): Addressing a conceptual prompt, students will create a finished work of art that demonstrates the use of cold connections.
 - Soldering Project (25% of Project Grade): Addressing a conceptual prompt, students will create a finished work of art that demonstrates soldering techniques.
 - Formed Vessel (25% of Project Grade): Addressing a conceptual prompt, students will create a finished work of art that demonstrates the use of sinking/forming techniques.
 - Casting Project (25% of Project Grade): Addressing a conceptual prompt, students will create a finished work of art that utilizes a cast element.

Project Rubric (100pts possible):

- Concept (30pts)
 - Design (40pts)
 - Craftsmanship (30pts)
- Critiques (15% of Final Grade): At the conclusion of each project, we will have a class critique. The attendance and participation of each critique is mandatory to receive full credit. Missing a critique may result in the forfeiture of your entire critique grade.

Communication/Feedback: You should expect a grade on all submitted assignments within a week, unless extenuating circumstances prevent it.

Suggested Textbooks: *Fundamentals of Metalsmithing* by Tim McCreight

Suggested Sources for materials:

- Rio Grande (for silver purchases): www.riogrande.com
- Online Metals: <http://www.onlinemetals.com/>
- A&A Rock Shop
1614 W Main St., Lexington, SC 29072
- Beckham's Barn Rock and Gem Shop (must call for appointment)
1751 Kennerly Rd., Irmo, SC 29063
- The Contenti Company: www.contenti.com

Materials: Most of the basic tools, materials, and equipment will be provided to the student. Some consumables not listed may need to be provided by the student. Please wait until your instructor has reviewed the Required Materials list on the first day of class before making any purchases.

Required Materials:

- Apron (can be an old shirt)
- #1 X-Acto Knife with #11 Blades
- Sketchbook/Notebook
 - The following items (recommended through Rio Grande, as item numbers are provided)
 - Sterling Silver- 3"x3" sheet, 22-gauge, Dead Soft ▪ Item #100597; approximately \$43 +/-
 - Sterling Silver- 2' half-round wire, 8-gauge, Dead Soft ▪ Item #100444; approximately \$33 +/-
 - .999 Fine Silver- 2' of 1/8" x .013 Plain Bezel Strip, 28-gauge, Dead Soft ▪ Item #101001; approximately \$8 +/-
 - Sterling Silver- 2' round wire, 16-gauge, ½ Hard ▪ Item #100346; approximately \$9 +/-
 - Sterling Silver- 2' round wire, 18-gauge, ½ Hard ▪ Item #100349; approximately \$5 +/-
 - Sterling Silver- 2' round wire, 21-gauge, ½ Hard ▪ Item #100349; approximately \$3 +/-
 - Sunshine Cloth, Single Pak ▪ Item #337039, \$3 +/-

Attendance Policy: Success in this course is dependent on your active participation throughout the course. You are expected to come to class awake, fed, and ready to work, think and talk. Your timely and engaged presence is expected at every class meeting. When you miss class, you miss important information. If you are absent, you are responsible for learning material covered in class. If the total number of absences exceeds 10%(3 classes) of the scheduled meeting times, whether excused or unexcused, your grade will be dropped one letter grade for each additional absence. If the total number of absences exceeds 25% (7 classes) of scheduled meeting times, no credit will be earned in this course. In summary, you may miss up to 3 classes without penalty and 4-7 classes with penalty. Class will begin promptly at the scheduled meeting time. Late arrival or early departure from a class meeting will be treated as a partial absence. Arriving more than 15 minutes late or leaving 15 minutes early on 2 occasions will equal 1 absence.

The University of South Carolina is required by law to excuse absences from class for the following reasons:

- Performance of a military duty or obligation imposed by state or federal law, as documented in writing by the appropriate state or federal authority.
- Legal obligation to appear at or participate in a judicial or administrative proceeding, including the performance of jury duty, as documented in writing by the appropriate judicial or administrative authority.
- Any medical condition related to pregnancy or childbirth, as documented by the student's health care provider, requiring the student's absence from class.
- A disability, as defined by the Americans with Disabilities Act and as documented by the Student with the Student Disability Resource Center, which prevents the student from attending class.
- Observance of a religious practice, holiday, or holy day, if the instructor of the class is provided written notification by the student of their intent to observe such religious practice, holiday or holy day no later than the end of the second week of regularly scheduled classes in a full fall or spring semester term, and within twice the length of the drop/add period for any other term.

- The University of South Carolina requires that absences from class for the following reasons must also be excused:
- Participation in an authorized University activity, in which the student plays a formal, required role. Such activities include, but are not limited to, musical performances, academic competitions, and varsity athletic events. University documentation of participation should be provided in advance of the absence.
- Illness or injury that is too severe or contagious for the student to attend class, with appropriate documentation.
- Death or severe illness of an immediate/dependent family member, with appropriate documentation.
- University closure for weather-related or other emergencies.

Academic Integrity: You are expected to practice the highest possible standards of academic integrity. Any deviation from this expectation will result in a minimum academic penalty of your failing the assignment and will result in additional disciplinary measures. This includes improper citation of sources, using another student's work, and any other form of academic misrepresentation.

Disability Services: [Student Disability Resource Center \(http://www.sa.sc.edu/sds/\)](http://www.sa.sc.edu/sds/): The Student Disability Resource Center (SDRC) empowers students to manage challenges and limitations imposed by disabilities. Students with disabilities are encouraged to contact me to discuss the logistics of any accommodations needed to fulfill course requirements (within the first week of the semester). To receive reasonable accommodations from me, you must be registered with the Student Disability Resource Center (1523 Greene Street, LeConte Room 112A, Columbia, SC 29208, 803-777-6142). Any student with a documented disability should contact the SDRC to plan for appropriate accommodations.

Diversity and Inclusion: SVAD is committed to providing an environment that is inclusive, safe, and respectful for all persons, and one that fully embraces the Carolina Creed. All course activities will be conducted in an atmosphere of friendly participation and interaction among colleagues, recognizing and appreciating the unique experiences, background, and point of view each student brings. You are expected to apply the highest academic standards to this course and to treat others with dignity and respect.

Student Well-Being: Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live and believes this may affect their performance in the course, is urged to contact the Division of Student Affairs and Academic Support. If you are comfortable doing so, please notify me as the professor so that we can find resources that may be helpful.

Students do not learn when they do not feel safe. If you feel unsafe on campus at any time in any place, please contact Police Dispatch at 803-777-4215 (in an emergency, please call 911) and reach out to the Division of Student Affairs and Academic Support. Again, if you are comfortable doing so, please notify me as the professor, and I will do my best to make appropriate accommodations.

Students may experience situations or challenges that can interfere with learning and interpersonal functioning including stress, anxiety, depression, substance use, concern for a family/friend, or feelings of hopelessness. Pay attention to what is happening in the classroom and in the lives of your fellow students. There are numerous campus resources available to students including University Counseling & Psychiatry Service and University Student Health Services. Help is available 24/7. Students who need

immediate help should call 803-777-5223. An outside resource is the Nation Suicide Prevention Lifeline (800-273-8255).

Disability Services: [Student Disability Resource Center \(http://www.sa.sc.edu/sds/\)](http://www.sa.sc.edu/sds/): The Student Disability Resource Center (SDRC) empowers students to manage challenges and limitations imposed by disabilities. Students with disabilities are encouraged to contact me to discuss the logistics of any accommodations needed to fulfill course requirements (within the first week of the semester). To receive reasonable accommodations from me, you must be registered with the Student Disability Resource Center (1523 Greene Street, LeConte Room 112A, Columbia, SC 29208, 803-777-6142). Any student with a documented disability should contact the SDRC to plan for appropriate accommodations.

Dress Code and Safety: Follow all guidelines provided

- NO open-toed shoes permitted in the jewelry studio
- Safety glasses must be worn while working with most tools/equipment
- Long hair as well as loose jewelry and clothes should be under control.
- Use appropriate safety equipment when dealing with chemicals, such as ventilation, gloves, etc.
- Do NOT use any tools or equipment unless your instructor has demonstrated to you its use and safety
- Hearing Protection is strongly encouraged in the classroom.
- If you do not feel comfortable using any piece of equipment, ask for assistance.
- Before leaving, make sure all gas, air lines, and pickle pots are turned off.
- Be aware of your surroundings, paying attention to any potential hazards.
- Do not work alone
- Make sure the door is closed and locked behind you when you leave.

Cell Phones: Cell phones are only to be used with permission by the instructor. If you have an important call or message, exit the classroom. Because we are using machinery and equipment, you will not be permitted to use headphones in most situations. It is imperative you can hear your instructor or others in case of an emergency or to protect yourself, others, or equipment.

McMaster's main entrances are open from 7am-9pm Monday through Friday, and closed on weekends. Students enrolled in SVAD courses who require access to facilities after 9pm can make a request for access. Applicants will need to supply a justification. Make sure to include the course number and the name of your professor when making a request.

It is the students' responsibility to remove and/or dispose of art works at the end of each semester. Student work should be removed from classrooms, offices, hallways, and/or exterior grounds no later than one week after final exams end. After this date, any work left in these places will be considered abandoned and disposed of as SVAD faculty or staff see fit. Students should contact their instructors about special end-of-semester office hours or pick-up times for art works in locked spaces.

ARTS 255: Introduction to Jewelry
Fall 2023 Calendar

*This calendar is subject to change. You will be given at least a week's notice unless extenuating circumstances prevent advanced notice.

*Sections will alternate an extended cleanup of the studio on Wednesdays during the last 15 minutes of class.

	Day	Date	Topic	Due Today
1	M	8/28/2023	First Day of Classes; Review Syllabus, Calendar, and Class Procedures; Introduction to Annealing and Torch Use	
2	W	8/30/2023	Last Day to Drop/Add w/o "W" grade; Demonstrations: Sawing, Piercing, Filing, Hammers, Stamps, Rolling Mill; Work Day for Texture Samples	Reading: edited by Damian Skinner in association with Art Jewelry Forum. <i>Contemporary Jewelry in Perspective</i> . Lark Jewelry & Beading, 2013, pp. 7-15
	M	9/4/2023	Labor Day Holiday (No Classes)	
3	W	9/6/2023	Demonstrations: Etching, Rivets (standard, flush, ball, tube), Flex Shaft; Work Day for Texture Samples	
4	M	9/11/2023	Demonstrations: Finishing, Polishing, Patinas; Work Day for Texture Samples	
5	W	9/13/2023	Demonstrations: Dapping Blocks, Hydraulic Press, Anti/Syn-clastic forming; Introduce Cold Connections Project	Texture Samples
6	M	9/18/2023	Individual Meetings to discuss Cold Connection Project Designs; Work Day	Sketches/Model for Cold Connections Project
7	W	9/20/2023	Work Day	
8	M	9/25/2023	Work Day	
9	W	9/27/2023	Work Day	Forming Samples
10	M	10/2/2023	Work Day	
11	W	10/4/2023	Work Day	
12	M	10/9/2023	Critique Cold Connections Project; Soldering Demonstrations: butt joint, T-joint, sweat; Introduce Soldering Project	Cold Connections Project
13	W	10/11/2023	Soldering Demonstrations: post, dome, score&bend, chain; Individual Meetings to discuss Soldering Project Designs; Work Day	Sketches/Model for Soldering Project
14	M	10/16/2023	Demonstrations: bezel setting, tube setting; Work Day	
15	W	10/18/2023	Work Day	Solder Samples

	Day	Date	Topic	Due Today
	TH	10/19/2023	Fall Break (No Classes)	
	F	10/20/2023	Fall Break (No Classes)	
16	M	10/23/2023	Work Day	
17	W	10/25/2023	Work Day	Stone Setting Samples
18	M	10/30/2023	Work Day	
19	W	11/1/2023	Critique Soldering Project; Introduce Casting Project; Demonstrations: wax working, ring carving	Soldering Project
				Sketches/Models for Casting Project
20	M	11/6/2023	Introduce Formed Vessel Project; Demonstrations: sinking, bouging; Individual Meetings to discuss casting project sketches	Reading: English, Helen W. Drutt. <i>Jewelry of Our Time: Art, Ornament and Obsession</i> . 1995, pp 106-121
21	W	11/8/2023	Last Day to Drop or W w/o "WF" grade; Demonstrations: raising, planishing; Demonstrate Investment; Work Day	Sketches/Models for Vessel Project
22	M	11/13/2023	Demonstrations: Casting	
23	W	11/15/2023	Casting Day (see sign-up sheet); Work Day	
24	M	11/20/2023	Casting Day (see sign-up sheet); Work Day	
	W	11/22/2023	Thanksgiving Holiday (No Classes)	
	TH	11/23/2023	Thanksgiving Holiday (No Classes)	
	F	11/24/2023	Thanksgiving Holiday (No Classes)	
25	M	11/27/2023	Casting Day (see sign-up sheet); Work Day	
26	W	11/29/2022	Casting Day (see sign-up sheet); Work Day	
27	M	12/4/2023	Casting Day (see sign-up sheet); Work Day	
28	W	12/6/2023	Last Day of Classes; Casting Day (see sign-up sheet); Work Day	
	F	12/15/2023	Final Exam/Critique 9am	Casting Project; Vessel Project
	M	12/18/2023	Commencement	

*McMaster Gallery Exhibitions for Fall2023:

- “Beyond Violet”, Christina Kerns, Aug 31-Oct 1
- “You Seem Like the Right Type”, Mark Addison Smith, Oct 26-Nov 30
- MFA Exhibition, Jiratchaya “KJ” Kranjanaviboon, Dec 6-13

*Columbia Museum of Art Exhibitions:

- “Stories of Grace”, Tina Williams Brewer, June 30-Sep 3
- “Bullets and Band-aids: a Veteran Anthology”, March 30-Sep 3
- “Constantine Manos: A Greek Portfolio”, Constantine Manos, April 7- Oct 22
- “Lee Alexander McQueen and Ann Ray: Rendezvous” Oct 7-Jan 21



Visual Art and Design

College of Arts and Sciences

Health and safety guidelines for studio art courses

Student waiver

Students participating in Studio classes must understand that certain materials used in creation of works of art are toxic. It is therefore important to exercise caution in using **any** artist's materials. It is mandatory that **all individuals**—faculty, students, assistants, and observers—use proper precautions and follow safe practices in their handling and use. Whether working alone or in a classroom setting, all individuals have a responsibility to use materials and equipment safely, wear appropriate personal protection equipment when required, and observe fire safety and ventilation protocols.

Even commonly used products can contain materials that may produce severe and even irreversible bodily damage. Certain products contain highly hazardous substances, which, with chronic exposures, may result in diseases such as leukemia, skin cancer, emphysema, silicosis, heart failure, and permanent damage to the nervous system. In addition, blindness, loss of hearing, loss of limbs can result from improper use of machinery and tools, lack of ventilation, or lack of protective gear and failure to follow appropriate practices.

The science of poisons and their effect on living organisms is called *toxicology*. The *toxicity* of a substance refers to the ability of that substance to do bodily harm or to add to the development of disease.

Workplace safety regulations regarding exposure to toxic substances are provided and administered by the U.S. Government through the Occupational Safety and Health Administration (OSHA).

Of particular importance in understanding the toxicity of a substance, and thereby appropriate use practices, is through information provided by manufacturers in the form of **Safety Data Sheets (SDS)**. These provide important health data – including specific information on toxicity of substances. There are SDS for each chemical used in art studios and labs; these are posted in a prominent place in the classroom. Any student who brings supplies/materials into a studio or classroom must have those supplies verified and approved by the Instructor because SDS are required to be on file for each chemical in use.

Things to remember:

To protect oneself, it is important to understand the pathways by which toxic substances can enter the body:

1. Inhalation
2. Skin Contact
3. Ingestion

Of the above, ***inhalation*** is particularly concerning, because all humans need to breathe. Particles of toxic substances can be released into the air in a variety of ways, and in some cases may be undetectable. In this, it is important to recognize that a smell associated with a substance, whether pleasant or unpleasant, is not a measure of its toxicity.

Substances can become *airborne* (and thus, *inhaled*) in several forms. In a solid form, these are called dusts, finely separated, powdery particles, varying in size, that do not *diffuse* (fragment) in the air. Ultimately these particles settle on surfaces because of gravity but may remain again airborne through agitation.

Substances can also become airborne through evaporation, by which liquid changes into a ***vapor*** - the gaseous form of material, which in its normal state is a solid or liquid. ***Evaporation*** is the process by which liquid changes into a vapor. The rate of this transformation is referred to as the ***volatility*** of the substance.

Generally, the term ***aerosol*** refers to particulate matter that remains in the air for long periods of time. Aerosols are comprised by:

1. ***Fumes*** which are extremely small solid particles are produced through a process that involves *vaporization* and subsequent *condensation* of solids. Since this is usually associated with metals, it is a factor which must be considered in welding or soldering.
2. ***Gas*** is a state of matter that has no definite volume or shape. It can expand or contract in relation to temperature and pressure.
3. ***Mists*** are finely separated *liquid* droplets suspended in the air.

The effect of hazardous substances on the body can be identified as:

1. Acute – a single or sudden event, such as a splash of acid
2. Chronic- repeated or prolonged exposure - cumulative
3. Multiple – exposure to two or more substances

The hazard presented by any particular substance is dependent on several factors:

1. How it is used
2. The duration of exposure

3. The frequency of contact
4. The amount of the substance used
5. The relative toxicity of the substance
6. Physical properties of substances, such as volatility, flammability, or causticity
7. The reaction of an individual's body to a particular substance

Knowing about the risks and following established practices is a pathway to safety. Following this path gives developing artists the freedom to make creative choices while working within safe parameters. It is important to recognize that following safe practices should be a **part** of the creative process, which accompanies other learning objectives.

Exposure to toxic substances can be controlled by various means:

1. **Substitution:** the elimination of toxic substances by replacing it with a substance that is non-toxic, or less-toxic
2. **Ventilation:** *removal* of dusts, vapors, and mists **at the point of origin** by *removing* contaminated air and *replacing* it with fresh air.
3. **Personal Protective Equipment (PPE):** gloves, aprons, safety glasses, eye goggles, face shields, and masks. UofSC employees are NOT permitted by law to use a "respirator" to protect themselves UNLESS they are currently enrolled, and actively participating in, an EHS approved Respirator Protection Program.

Faculty instructors will specify the safe use of all materials and identify those that are problematic at the beginning of each studio art course. It is important these warnings be respected, and that proper protocols be observed in both classroom and individual work settings. Additionally, all classrooms have signage that identifies materials of concern, and that instruct students in their safe use and application. In addition, it is required that resources such as fireproof safety cabinets, solvent collection systems, and ventilation systems be used according to practices that have been established in relation to the materials and processes of concern. Finally, all persons shall respect personal safety equipment requirements for items such as: safety goggles, rubber gloves, ear plugs, and dust masks. It is mandatory that all persons follow guidelines set forth.

In the event that accidental contamination occurs, consult the Safety Data Sheets for the substances that are used in each lab and classroom. These should be consulted to determine proper procedure for remediation and to protect human health.

General Considerations:

1. Wear recommended personal protection equipment at all times
2. Work in a well-ventilated area
3. Do not eat, drink, or smoke in the work area. Smoking on the UofSC campus is prohibited.

4. Know your materials: follow instructions from your faculty instructor, study warning labels, and ask questions when you are unsure.
5. Store flammable materials in appropriate containers and in fire safety cabinets.
6. Observe fire protocols.
7. Dispose of materials properly and as instructed by the faculty member.
8. When possible, substitute highly toxic materials for those that are safer.
9. Proper hygiene can prevent hazardous conditions. Wash your hands frequently, wear aprons and rubber gloves, remove dust.
10. If chemicals are spilled, notify the faculty member or lab technician immediately. Spills are to be cleaned up and reported, following university requirements.

UofSC spill response guidelines:

https://sc.edu/about/offices_and_divisions/ehs/occupational_and_environmental_safety/workplace_safety/spill_response/index.php

UofSC spill incident reporting form:

https://sc.edu/about/offices_and_divisions/ehs/research_and_laboratory_safety/chemical_and_lab_safety/emergency_equipment_and_procedures/index.php

11. Pregnant women, or those planning pregnancy, should limit exposure to toxic materials.
12. Know the location of emergency equipment such as fire extinguishers, first-aid kits, eye-wash stations, and fire exits.
13. Notify at least one other person if you are working independently and plan to use hazardous materials.
14. Remember that your skin is a protective barrier, but that it is not impermeable to certain materials that can penetrate it. Be careful with breaks in the skin, so that materials cannot penetrate the skin causing poisoning and infection. Be careful with materials that dry the skin and use moisturizing agents when needed.
15. A yearly medical check-up with appropriate testing is a good idea for those repeatedly working with hazardous substances.
16. Think of others utilizing the facility. Through appropriate use of materials and proper practices, you will protect their safety as well.

I have read and understand the School of Visual Art and Design Health and Safety Guidelines for Studio Art. I understand that additional instructions on health and safety that are pertinent to my course will also be provided throughout the semester. I also understand that failure to comply with these guidelines may result in the lowering of my course grade, as outlined on the syllabus.

Student's printed name _____

Student's signature _____ **Date** _____

Metalsmithing: ARST 3620

11:00AM TR

Bosse, T.

bossetm@gmail.com

Office Hours: By Appointment

Course Objectives

Building upon foundational metalworking techniques, this class will focus on developing basic metalsmithing skills as they relate to forging, raising, sinking, and the functional object.

Students will demonstrate a comprehension of the materials' properties, tools, and techniques taught as they replicate them in samples and synthesize them into original work. The work may range from objects and sculpture to flatware and holloware as they seek a better understanding of their own creative interests.

Students will be expected to maintain a sketchbook/journal. Students are also expected to maintain a strong studio work ethic both during and outside of class times.

Evaluation

- 25% Technical Samples: you will replicate samples demonstrated in class to show proficiency in those techniques.
- 60% Projects: using the knowledge gained from demonstrations as well as your technical samples, you will create an original piece of work that further demonstrates your understanding of the tools, properties, and techniques demonstrated in class.
- 15% Critiques: attendance and participation in all critiques is mandatory. Missing a critique may result in the full loss of credit possible for this criteria of the class. Critiques may occur on the due date as well as in progress. You will be given notice of upcoming critiques at least one week ahead of time.

Studio Safety and Maintenance

Students are responsible for maintaining proper safety procedures in the studio, including but not limited to eye and hearing protection, proper attire, and maintaining a clean and organized studio. Students will also be responsible for the general maintenance of the metalsmithing studio, including, but not limited to the upkeep of stakes, hammers, and anvils. Students will not be permitted to use any equipment that has not been demonstrated to them by an instructor.

Attendance is Mandatory

More than **three** absences will affect your final grade.

Six absences will result in an automatic **WF**.

You are expected to be in class on time for the entirety the class session. Multiple incidents of arriving late or leaving early will result in an absence, just as arriving more than thirty minutes late will be considered an absence.

Each student is responsible for all information contained in lectures and technical demonstrations that will take place during class time. Students are responsible for any information missed as a result of an absence.

Projects

All projects should demonstrate a keen understanding of the materials and processes as an integral element in the design. Full use of working class time is essential. Class time is for class projects only. It is also equally important that your work progresses between classes. Specific instructions and evaluation will be discussed at the beginning of each project. All projects and samples must be completed and turned in on the assigned date. Failure to do so will result in the lowering of the final grade.

Forged Utensil

Students will forge one or more functional spoons using either hot forging or cold forging techniques. Students will be given silver to cast an ingot of .969 silver from which they will create their utensil. Students who have previously forged a utensil in a prior class may design a utensil of their choice and may incorporate fabrication or other techniques with forging.

Samples associated with Project: taper, simple spoon

Vessel

Students will create a vessel using demonstrated techniques that include, but not limited to, raising and sinking. Students will be allowed to tin their pieces for functional use.

Samples associated with Project: small bowl, small raised vessel

Forged Hook

Students will create a simple iron hook using basic blacksmithing and forging techniques that can incorporate twisting, scrolling, punching, and more.

Final Vessel/Mixed Project

The final project will incorporate multiple techniques, both specifically for this project as well as techniques demonstrated throughout the course of the semester.

Samples associated with Project: keyed seam, **handle*, **tap and die*

*Dependent upon progress of the class

Calendar

This calendar is a general time table for the semester. It is subject to change. You will be notified of all changes and due dates.

August 17-21

M: Discussion of Syllabus, class expectations, and studio safety.

W: Demo- begin taper

F: Continue taper; last day in class to work on taper

August 24-28

M: Finished Taper Sample Due followed by short critique; Begin spoon demo; work in class

W: Continue spoon demo; work in class

F: Last day in class to work on spoon

August 31-September 4

M: Spoon Sample Due followed by short critique; Demo 969 Ingot and Hot Forging

W: Continue Ingot and Hot Forging Demo

F: Work in class

September 7-11

M: Labor Day, NO CLASS

W: Work in class

F: Last day to work on Forged Utensil in class

September 14-18

M: Forged Utensil Due; Critique

W: Demo sinking; work in class

F: Last day to work on bowl in class

September 21-25

M: Bowl Sample due followed by short critique; Demo Raising

W: Work in class

F: Work in class

September 28-October 2

M: Last day to work on raising sample in class

W: Finished Raising Sample due in class followed by short critique; begin Vessel Project

F: Work in class

October 5-9

M: Work in class

W: Work in class

F: Work in class

October 12-16

M: Work in class

W: Work in class

F: Work in class

October 19-23

M: Work in class

W: Work in class

TR: Withdrawal Deadline

F: Vessel Project Due; Critique

October 26-30

M: Demo Blacksmithing Hook

W: Work in class

F: Fall Break

November 2-6

M: Introduce Final Project; Demo keyed seam

W: Work in class

F: Work in class

November 9-13

M: Forged Hook and Keyed Seam Due, followed by critique

W: Work in class

F: Work in class

November 16-20

M: Work in class

W: Work in class

F: Work in class

November 23-27: Thanksgiving Break, NO CLASS

November 30-December 4

M: Work in class

W: Work in class

F: Final Project Due; Critique

December 7-8

M- Continue Critique. Last day of class

T-Reading Day

EXAM: Clean up Day

Metalsmithing: ARST 3620

8AM TR

Bosse, T.

bossetm@gmail.com

Office Hours: By Appointment

Course Objectives

Building upon foundational metalworking techniques, this class will focus on developing basic metalsmithing skills as they relate to tool making, chasing and repoussé, and forging.

Students will demonstrate a comprehension of the materials' properties, tools, and techniques taught as they replicate them in samples and synthesize them into original work. Using tools made by the student as well as those provided in the studio, students' work will range from objects and sculpture to flatware and holloware as they seek a better understanding of their own creative interests.

Students will be expected to maintain a sketchbook/journal. Students are also expected to maintain a strong studio work ethic both during and outside of class times. The majority of the class time provided will be used for demonstrations and critiques.

Evaluation

- 25% Technical Samples: you will replicate samples demonstrated in class to show proficiency in those techniques.
- 60% Projects: using the knowledge gained from demonstrations as well as your technical samples, you will create an original piece of work that further demonstrates your understanding of the tools, properties, and techniques demonstrated in class.
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Studio Safety and Maintenance

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Recommended Text and Tools

Chasing and Repoussé: Methods Ancient and Modern by Nancy Mēgan Corwin

A reasonably priced set of Dapping Tools available on riogrande or Harbor Freight

Metal and Tool Suppliers

www.onlinemetals.com -tool steel, copper/brass bars and sheet

www.riogrande.com -tools, silver sheet and casting grain

Projects

All projects should demonstrate a keen understanding of the materials and processes as an integral element in the design. Full use of working class time is essential. Class time is for class projects only. It is also equally important that your work progresses between classes. Specific instructions and evaluation will be discussed at the beginning of each project. All projects and samples must be completed and turned in on the assigned date. Failure to do so will result in the lowering of the final grade.

Tool Making

Students will make six chasing tools and a hammer. One chasing tool will be for the studio to aid in the growth of our chasing tool collection. The other five will be for the student's benefits.

Samples associated with Project: studio chasing tool (1), personal chasing tool (5), hammer

Chasing and Repoussé: Platter

Students will create a platter using chasing and repoussé techniques.

Samples associate with Project: low relief, high relief, geometric

Forged Utensil Set

Students will forge a set of utensils using either hot forging or cold forging techniques.

Samples associated with Project: simple spoon

Calendar

This calendar is a general timetable for the semester. It is subject to change. You will be notified of all changes and due dates.

January 12 and 14 (add/drop deadline-Friday)

T: Syllabus Review, Studio Safety and Procedures

R: Chasing Tool demo

January 19 and 21

T: Tool Demos continued; Introduction of Platter Project

R: Tool Demos continued

January 26 and 28

T: Introduction to Chasing and Repoussé

R: Demos Continued

February 2 and 4

T: Demos Continued; Individual Meetings about Sketches

R: Demos Continued

February 9 and 11

T: Work Day

R: Guest Artist Logan Woodle

February 16 and 18

T: Work Day

R: Work Day

February 23 and 25

T: In Progress Critique

R: Work Day

March 1 and 3

T: Work Day

R: Work Day

March 7-11

Spring Break- No School

March 15 and 17

T: Platter Critique

R: Introduce Utensils Project; Spoon Demo

March 22 and 24

T: Withdrawal Deadline; Individual meetings about Sketches

R: Spoon Sample Due; Hot Forging Demo-Fork

March 29 and 31

T: Demos Continued

R: Work Day

April 5 and 7

T: Work Day

R: Work Day

April 12 and 14

T: Work Day

R: Work Day

April 19 and 21

T: Work Day

R: Work Day

April 26 and 28

T: Work Day

R: Final Critique