

**Texas Tech University
Spring 2015**

**Art 3336 sec.301 Introductory Sculpture – Welding/Metal Fabrication
M/W 8:00 – 10:50AM
3D Art Annex, Studio 109**

Associate Professor William Cannings

Office: 109

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Office hours: Tuesday 10:00 – 11:00am, by appointment.

Special Instruction fee: \$210

CATALOGUE DESCRIPTION:

Prerequisite: Freshman Art-core or departmental approval. Repeatable for credit.

PURPOSE:

- Introductory Sculpture class with an emphasis toward Metal Fabrication, “nuts and bolts” learning. This is a foundation for further research.
- To teach the student the basics of oxy/ace welding, MIG welding, simple metal fabrication and other technical skills in context to an individuals artistic pursuit and the media.
- To introduce the student to the broad possibilities of concepts, ideas, physical elements, and presentation of sculpture.
- To gain (by many means, usually by ones own exertions), an understanding of the thought process and commitment to the discipline involved in the creation of sculpture
- This is a hands-on, get dirty studio course.

STUDENT LEARNING OUTCOMES:

- Students will learn and understand how to weld using Gas (Oxygen/Acetylene) and Electric Arc (MIG)
- Students will learn and understand the correct and appropriate use of hand and power tools, gas and electric welding equipment, metal cutting and simple forming equipment.
- Students will learn safe procedures while using the studio and the equipment –Safety first
- Students will begin an understanding of the making of sculpture and the broad and diverse opportunities that the individual can bring to its conception/creation.
- Students will develop positive and useful attitudes towards this creative activity.
- Students will develop confidence and gain experience in communicating the ideas and materials used in their finished sculptures and that of classmates.
- Students will respect the privilege and learn to keep all of the sculpture studio facilities clean.
- Students will complete four assigned sculptures, demonstrating and showing evidence of: cognitive growth, experimentation, invention, cohesion (visually and structurally) and completion.

COURSE CONTENT:

This course will build on the concepts and processes demonstrated in class. Good craft and good presentation of work are essential. Heightened powers of observation, knowledge of visual phenomena and a state of visual inquiry combine to equip students for future efforts in building safely, the making of sculpture, the use of materials and the ability to command the space that is occupied. The students will also be expected to develop their ability to verbally support their projects through **oral presentations** to demonstrate their understanding of the objectives of this course using appropriate terminology sensitive to the visual and physical stimuli.

COURSE REQUIREMENTS:

SIX hours in class studio participation are required each week. In addition, at least 6-9 hours of productive work outside of class each weeks are required (may be considerably more depending on work habits). You are also expected to conduct yourself with respect to both the facilities and the people who use them. You are expected to clean your work areas when you are finished, this includes returning tools, extension cords, sweeping and help with the general tidiness of the studios.

Recommended Reading: SCULPTURE magazine, can be found in the VRC

ATTENDANCE: Attendance is mandatory. Your regular attendance is expected and required **This class involves a great deal of work. Students will be penalized via grade reduction for missing more than three (3) classes. Scheduling an appointment(s) during class time is not a valid excuse.** Your class time is set-aside for you to **come to class** to receive instruction and **work on your projects. More than three absences lowers your grade by one full letter. (A becomes a B) Three (3) tardies or early departures will be considered as one (1) absence.** Excuses will not complete your work. If you do not get a project completed because of some disaster, please come to the critiques, you and I may be able to solve whatever is causing you trouble. You will learn from the other students' projects and will not add an absence to your problems. **Six absences and you will automatically fail this course!** You will be expected to be **on time**, and present for the **entire class period**. Since life is uncertain the wise student will save the absences for true emergencies, illness or end of the semester overload. There is no extra credit available! So please don't ask.

Absence Policy for Religious Holidays as per OP34.19 is stated as:

Policy/Procedure

1. **"Religious holy day"** means a holy day observed by a religion whose places of worship are exempt from property taxation under Texas Tax Code 11.20.
2. A student who intends to observe a religious holy day should make that intention known to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holiday shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.
3. A student who is excused under section 2 may not be penalized for the absence; however, the instructor may respond appropriately if the student fails to complete the assignment satisfactorily.

NOTE: Notification for absence due to "Religious holy day" must be made in writing and delivered in person no later than 15th day of the semester.

ASSESSMENT METHODS:

Student assessment will indicate how the student will demonstrate that she/he has acquired the expected learning outcomes. Assessment will be made:

- on completion of projects by the due date given per project
- on skills in hand-forming various malleable materials.
- on the understanding of the welding processes.
- on development of sensitivity to form, space and materials.
- on development of conceptual and technical problem solving skills
- on development of ideas, creativity, and visual awareness of 3 dimensional works by being able talk about their own work and the work of others through class discussions and critiques, building critical skills, and a basic art vocabulary.

Grades Summary: (Student evaluation reflects how the individual student performed against the criteria above in the “Assessment Methods”.)

Grades of "A", "B", "C", "D", "F", "W", are used. "A" means excellent. "B" is above average, and **“C” means you completed the assignment as instructed, turned it in on time, and performed average work.** “D” is below average, and “F” is no credit. Late work lowers the grade

Incomplete will be given only during justifiable and documented emergencies.

Grading weight for this course will be computed as follows:

- 30% Assignments/Studio Cleanup
- 40% Technical Skills/Critiques
- 30% Participation / Attendance
- 100%

Please turn off and store your cell-phones and place them in your book-bags. There are lockers to use to store your book-bags during class.

Students with a Disabling Condition (O.P. 34.22): Any student, who, because of a disability, may require some special arrangements in order to meet course requirements should contact the instructor as soon as possible (742-3825 ext 240 or von.venhuizen@ttu.edu) to request necessary accommodations. Students should present appropriate verification from Student Disability Services (AccessTECH). No requirement exists that accommodations be made prior to completion of this approved university process

Academic Honesty (O.P. 34.12): The faculty is strongly committed to upholding standards of academic integrity. These standards, at the minimum, require that students never present the work of others as their own.

HEALTH AND SAFETY:

Safety is a critical part of this class. You are not allowed to operate any piece of equipment, heavy or light, until you have received the proper instructions from the Instructor or Faculty of the class. Instruction will be given in the form of demonstration, take notes so you remember.

In an effort to maintain a safe academic and working environment, the School of Art will endeavor to comply with the intent of state laws or acts and the University Health and Safety Program. Each student is required to use safety equipment necessary for the class and to operate machinery in the studio. If you come to class unprepared to work, you are a danger to yourself and those around you. Please act responsibly, hone your senses to the task at hand, and stay alert.

Proper attire is required for the class i.e. jeans, cotton shirt, and sturdy shoes or boots, no open toe flip-flops are allowed. We are not allowed to have any type of food or open drinks in the studio, use the hallway tables.

Supplies:

Use a sketchbook to keep track of your ideas or be able to diagram your ideas and taking class notes. It is a great place to facilitates your art making. I will ask to see drawings, etc. that relate to your projects from time to time. Other items that you will need to provide are:

- Toolbox
- Exacto/Utility knife & extra blades
- All-leather work gloves. These need to fit, like a glove not a bag.
- Scissors
- Safety glasses or goggles
- Masking tape and electrical tape
- Hot glue gun and glue sticks.
- Drawing tools: compass, ruler, and a right-angle square.

The sculpture program will provide you with:

- Shade 5 welding glasses – to keep.
- Welding jackets – to use as needed.
- Blacksmithing leathers – to use as needed.

Civility in the classroom:

Students are expected to assist in maintaining a healthy classroom environment, which is conducive to learning. Please no reading the paper in class, eating lunch, making offensive remarks, sleeping in class, or any another form of distraction. Also no pets, children, friends, parents, aliens from outer space, cell phones or pagers in class. DON'T TRY TO TEST THIS POLICY!! Please deal with these things outside of class on your own time, thank you.

WORK HARD, HAVE FUN, and LEARN.

Texas Tech University School of Art

LABORATORY SAFETY PLAN

This plan covers studio's 107, 107b, 109, 109b, 109c, 110, 110a, 111, 112, the Foundry, and the outside work area of the 3D Art Annex.

The Responsible Individual for this plan and these rooms is Professor Cannings and can be contacted at william.cannings@ttu.edu. The Department Chemical Safety Officer is Robert Terrell and he can be contacted through the School of Art office in room 101 of the Art Building or at (806) 742-3825.

In case of fire, exit the building using the fire exits on the northwest side of the 3D Art Annex, if this exit route is blocked use the East side exit into the outside work area, pull the fire alarm on your way out and call 911. In the case of other emergencies call 911 or use the emergency call box located in the hallway of the 3D Art Annex.

Food and drinks are not permitted to be stored or consumed in these studios.

Long pants are required, and closed toed shoes are required in these studios. Personal Protective equipment is required as listed in the syllabus, and Standard Operating Procedures.

The Safety Data Sheets (formerly MSDS) for these studios are in the yellow binders located by the doors for each studio.

Procedures that are not listed in the Standard Operating Procedures section cannot be used without consent of the Responsible Individual and without adding Standard Operating Procedures to this Laboratory Safety Plan.

Chemicals and materials not listed in the Safety Data Sheet section cannot be stored or used in this studio without the consent of the Responsible Individual and Safety Data Sheets being added to the SDS section of this plan.

The complete Texas Tech University Chemical Hygiene Plan and other helpful documents can be found online at <http://www.depts.ttu.edu/ehs/Web/Default.aspx>

TTU Resources for a Safe Campus

Texas Tech University is dedicated to providing a safe and equitable learning environment for all students. Discrimination, sexual assault, and harassment are not tolerated by the university. You are encouraged to report any incidents to The Student Resolution Center: (806) 742-SAFE (7233). The TTU Counseling Center (<http://www.depts.ttu.edu/scc/>) provides confidential support (806-742-3674) and the Voices of Hope Lubbock Rape Crisis Center has a 24-hour hotline: 806-763-RAPE (7273). For more information about support, reporting options, and other resources, go to: <http://www.depts.ttu.edu/sexualviolence/>

School of Art Safety Training

How to Navigate the Menus for Safety Training

1) First click on this link: <https://www.dept.ehs.ttu.edu/ehs/et/default.aspx>

If you get an error message instead of the Training Page telling you to clear your cache, that MUST be done before you can continue, and it is easy.

2) You are now at the EH&S Training webpage. On the pull down menu at the top you will see training, exams and certificates.

3) First go to training on the menu. There are several training sections that pertain to the School of Art in the pull down menus. Then go to exams on the menu to take the actual tests. The required training/tests for art are:

Undergraduates

Safety Awareness (under Environmental tab - take once)

Art Safety Training (under Lab Safety tab – take every year)

School of Art Employees and Graduate Students

Safety Awareness (under Environmental tab - take once)

Hazard Communication (under Occupational Safety tab - take once)

Work in Studios / Shop

CHP Training (under Lab Safety tab - take once)

Art Safety Training (under Lab Safety tab – take every year for students, every two years for faculty)

Respiratory (if needed)

4) Once you've successfully completed a test you need to print out the certificate. You can view and print out all your certificates by clicking on the certificates tab on the main menu.

Your printed out safety certificates need to be gathered by your instructor. Be sure to write what class you're taking (if you're a student) and the instructor's name. This information helps us track who has taken what test.

Turn the certificates in to Gena in the office - Art Room 101

5) You may have issues with your browser cache (as was the case last year). I had to clear the cache on my computer several times while composing this document. To clear the cache on Safari browser : Go to main menu and pull down Safari > Reset Safari > Reset . . . Just reset everything on the public computers, doesn't matter. If you are on your personal computer, hopefully resetting the History will be enough.

If you have any more questions, problems or concerns, contact me.