

## **Sculpture 107** Tuesday Thursday, Clough 206C, 6:00pm - 9:00pm

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**Office Hours:** Tuesday Thursday 12:00 - 1:00 or by appointment. Phone 843-3441  
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### **Course description:**

The goals of this class are to: 1. Develop the ability to manipulate materials and tools in a safe fashion. 2. To communicate your thoughts in a direct and effective manner through the materials. 3. To develop a conceptual understanding of art making.

In this one semester studio class students will be expected to do the following:

**BE OF SAFE HABITS, FOLLOW SHOP RULES, CLEAN UP AFTER ANY TIME SPENT IN THE SHOP.**

### **Safety**

Knives: it is safer to keep knives very sharp. A dull knife has to be forced. Always cut AWAY from yourself using a slight sawing motion.

Power Tools: Grinders, sanders, saws, drills, buffers, etc. It is mandatory that eye protection is worn and long hair is put up. Remove any dangling earrings or jewelry. A dust mask should be worn with any dust activity.

Welding: Use darkened eye protection (#5 for oxyacetylene, #10 for arc) when welding. Wear leathers and leather gloves to avoid welders' tan and burns. Avoid wearing man made materials for clothing, natural cloth (cotton, wool) doesn't burn as easily.

Clothing: Plan on getting dirty, either wear work clothes or bring work clothes to change into (jumpsuit) long hair is to be tied back, kept in a hat, no open toed shoes, no loose jewelry.

### **House Keeping:**

**A work-study student is in charge of the shop; please do not create more work for her/him by being messy.**

Sweep floor around your work area if littered.

Clear and scrape table surface that you are working at.

Put all tools that you were working with where they belong.

If working with dusty processes, work outside and wear a proper dust mask.

No spray painting in the building.

Clean out the drain and the sink of any debris.

Throw away all used/ready to be discarded items (empty tubes, food containers, cups, food bags, etc.)

Take drill bits out of drills and drill press and put away.

Ensure wax vat lid is closed after use.

Remove and discard unwanted scraps after using floor tools.

Sweep around floor tools after use.

Log 138 minimum hours:

Studio art courses at Rhodes require a minimum of 9 hours of work a week for three hours of credit. Six of those will be spent in class. The remaining 3 hours may be spent in the studio, doing research, relevant reading, lectures, and gathering source materials and ideas.

Shopping for materials will be done outside of class time.

As this is a studio class you will be expected to attend classes. Class time will be broken up into pertinent demonstrations for each assignment, work time and critiques. Students will be evaluated on the basis of their completed projects, their impact, how well they communicate and their craftsmanship. (15% for each project for a total of 60%) Class participation (20%) Improvement and/or risk taking (20%)

Participation in class discussions and critiques:

You must be prepared to give and to receive constructive criticism during the semester. Feedback and active dialogue are very important for artistic growth.

**Grades:**

Fulfilling the above requirements will attain a B - C grade. To receive an A, a student must show outstanding work, exceptional effort, growth and risk taking.

**Critiques:**

Be prepared to have your work finished by crit day. If you decide to modify or redo a project after receiving feedback from the class, I will supersede the first grade with the new grade. It *won't* be possible to bring down your grade by redoing a piece. Critiques are EXAMS and must not be missed even if your work isn't finished.

Tuesday's will be devoted to demonstrations, discussions. Thursday's will be workdays except for critiques.

The following assignments are created in such a fashion that it is not possible to do them successfully just in class time.

Create three critiqued projects, one technically proficient uncritiqued project.

### **Uncritiqued assignment**

Make a 2-inch cube in wood. Make seven casts of that cube. Create a cardboard box to place the eight cubes into with a sixteenth of an inch of space surrounding the cubes. Create a welded steel box to house the cardboard box, with a sixteenth of an inch of space surrounding the cardboard box. Create a wood space frame with a skin to surround the steel box also with a sixteenth of an inch of space. Remember this is a crafted fetish item respond accordingly. Due Dec.5

### **Critiqued Assignment 1**

Create a 3 dimensional 1 to 1 scale self-portrait only in cardboard. This object must relate physically to your assigned site (the glass cabinet). If you alter the site you must return it to the way that you found it, this includes removing materials you bring to the site. Sketches due Sept.3, Projects will be critiqued on Oct 1.

### **Critiqued Assignment 2**

Use two materials of your choosing. Pick two historical styles in art (you will need to do a little research). Combine these elements into one art object. Sketches due Oct.3 projects are due Nov.5.

### **Critiqued Assignment 3**

Select a place in or around the campus that is a forgotten, unwanted and unused site and build a site-specific piece (using formal design and content in unison) just for that space. You must go through the proper channels to acquire permission to use the space. Examples of forgotten spaces: in stairwells, behind doors under bridges, etc. If you alter the site you must return it to the way that you found it, this includes removing materials you bring to the site. Choice of materials and subject matter will be yours. Sketches due Nov.7. Projects will be critiqued on Dec.5, Dec.10.

Hand in two slides of each project on its due date. Remember to put your name on them.

Last day to clean out space and take home artwork and material is Dec.18, your grade will be withheld if you fail to do so.

Intro. who I am, degree, what I do. What I can do.

What is in the room. Welding room casting area woodworking patio

materials plaster some plastics some wood some steel

storage cabinet for flammables names on personal stuff label area under table

talk about syllabi

talk about first project, why a drawing homework get cardboard.

Cleanup problems??

Tuesday 3

Bandsaw make a circle, make a pushstick tilt table, set square, clean up.

Tablesaw change blade, tilt blade, set square, rip, crosscut, sled, feather board, pushsticks, cleanup

Joiner square, cube cleanup

Planer clean up

Chopsaw angle compound cut cube cleanup

Glue up of cube

sander

Look at drawings

5

workday

10

cast half of cube 20 minutes

rubber mold

cast other half of cube 20 minutes

second coat on

cast plaster cube 20 minutes

third coat on clean up

12

workday

17

welding and fabrication

shear

break

drill press hand drills pop rivets

hand grinders

chopsaw

gas welding brazing

arc welding

plasma, cutting torch

19

workday

24

workday

26

workday

Oct 1

Crit

3

Slides

drawings

8

biscuit joiner

screws

mortise and tenon

tenonning jig

mortising machine

hand chisels, sharpening

nail gun

hand planes

10

work day

15

router make a circle, pattern bit, make a rabbit dovetail jig

17

workday

22

workday

24  
workday

29  
workday