

San José State University
Department of Art & Art History
Art 13, 3D Concepts, Section 4
Fall 2020

Course and Contact Information

Instructor:	Cassandra Straubing
Office Location:	Zoom
Telephone:	Use email
Email:	Cassandra.straubing@sjsu.edu
Office Hours:	T/TH ½ hour following class or by appointment
Class Days/Time:	T/Th 3-5:50 PM
Classroom:	Online

Course Format

This is an online course. It is synchronous, which means we will use Zoom to have class meetings during assigned course hours.

Technology contents:

Course materials such as syllabus, handouts, notes, assignment instructions, etc. can be found on the Canvas learning management system course website. You are responsible for setting your Canvas settings to alert you when your instructors send an announcement on Canvas. We will also be using Zoom, therefore internet connection is needed during class.

Course Description

Theories and applications of three-dimensional form in visual art and design. Studio practice.

In this class you will make the transition from working with the illusionistic space of two-dimensional art, to "real," three-dimensional space. We will look at the world of manufactured objects, and how artists and designers engage in cultural critique by playing with our expectations about these objects. The assignments for this class are intended to blur the boundaries of functional design and art, while teaching you the important concepts and principles of three-dimensional design. You will learn a new fabrication technique with each assignment, through a series of hands-on demonstrations. Formal issues and expressive potential will be discussed in relation to each assignment, as well as issues like creative problem-solving. Slide lectures will be a common event, to provide you with ideas and inspiration and to improve your knowledge of current art-and-design-world practice.

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Learning Outcomes

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

CLO 1 Make an object using a process of *abstraction*.

CLO 2 Practice iterative design processes, using a problem-solving routine that begins with brainstorming and sketching, refining of ideas, model making, testing, reassessment, and construction of a final solution.

CLO 3 Design objects with the capacities and qualities of a given material in mind, allowing these to influence the form of each object.

CLO 4 Integrate joinery and connective systems into the design of an object from its inception.

CLO 5 Assess an existing object or render a new object in two dimensions using cross-section drawings or the principles of patternmaking.

CLO 6 Fabricate objects using a variety of tools and techniques.

CLO 7 Make objects that tell a story or offer “cultural critique.”

CLO 8 Recognize and use terminology specific to the field of three-dimensional design and sculpture.

Required Readings and Materials

Readings: There will be articles posted on Canvas at various points throughout the semester. A written assignment will follow, to be submitted through Canvas.

Materials and Tools Needed

Because of the variety of possibilities, expect to pay anywhere from \$50 to \$120 for materials and tools. The tools will be with you for many, many years to come.

Hardware store

- Hot glue gun and glue sticks
- Wire cutters/needle nose pliers
- Annealed iron wire- 18 gauge
- Tape measure
- A tool box/bag for all your stuff
- Stapler/staple gun and staples
- 1 can of Spray paint- black, white or red
- Masking Tape

Market

- Apple and knife
- Elmers glue
- Aluminum foil

Sourced-

- Find Recycled cardboard- start collecting or contact Tim Straubing.

Art material store

- Cutting mat
- Sketchbook

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Department Advising

For information about majors and minors in Art & Art History, for a change of major/minor forms and a list of advisors: <http://www.sjsu.edu/art/> or the Art & Art History department office in ART 116, [408-924-4320](tel:408-924-4320), art@sjsu.edu

Classroom Protocol

Online Class Protocol:

All classes will meet via Zoom during the regular class hours. Questions and comments may be entered anytime during the session in the “chat” box. Students are asked to remain on mute until called on to speak. Students wishing to speak should use the “hand raise” icon in the participant list. It is optional to have video on. However, anyone with video on should be seated and properly dressed for classroom attendance. Students are asked to arrive punctually for the Zoom classes. Late arrivals may have to wait a few minutes before entering the Zoom session as late admission requires intermittently checking the “waiting room.” All sessions will be recorded and uploaded to Canvas."

Zoom Meeting Transcripts Zoom allows participants to communicate with group messages to all of the meeting participants and/or to send private messages to individual participants. Although it seems reasonable that private messages stay between two people, please be aware that all of the group messages and all private messages will be included in the meeting transcript.

Zoom Meeting Attendance Report: Zoom provides a roster of people who attended the meeting along with the times they joined and left the meeting.

Texting or playing games during class is not allowed.

Let me know if you have any questions.

Contacting the class on Canvas

I will frequently send out announcements on Canvas. Make sure your settings are set to email you when this happens, or when I post a new grade.

Library Liaison

Gareth Scott

email: gareth.scott@sjsu.edu

phone: [\(408\) 808-2094](tel:(408)808-2094)

Dr. Martin Luther King, Jr. Library

4th Floor Administration Offices

Course Requirements and Assignments

“Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally 3 hours per unit per week with 1 of the hours used for lecture) for instruction or preparation/studying or course related activities including but not limited to internships, labs, clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus.”

When sketches or project is due, please upload clear photographs of your piece, from 3 angles, to the file upload within that assignment, for grading purposes.

Vocal quiz 10%

Reading Responses 10%

Projects

Project 1- **Framing, using wire** 15%

Using a malleable metal wire (soft iron, aluminum, copper), produce a "full round" sculpture. Create a new body part prosthetic from line that responds to a section of the human body. You must troubleshoot how you will be attaching it to the body and incorporate that into your design. Create a story around the function of this new body part.

Project 2 **Joinery, using cardboard** 20%

Cardboard wearables- create a sculpture that is placed on your body and transforms your gender, race or class.

Project 3- Modular construction 20%

Use 100 natural “modular elements” (e.g., leaves, eggshells, bamboo, etc), and produce a prototype of one of the ideas. Combine them into a sculpture using only natural materials, physics or gravity

Or

Design simple three-dimensional modules out of 2,3, or 4 toothpicks or matchsticks and produce a prototype of one of the ideas. Once worked out, create 100 identical modules. The completed modules will then be attached all together into your sculpture using adhesive, physics or gravity.

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Project 4- Abstract Sculpture- 25%

Make an abstract sculpture that is:

Kinetic and marks a specific amount of time.

OR

Site-specific and illustrates the concept of "balance"--conceptually, physically, and visually.

NOTE that [University policy F69-24](http://www.sjsu.edu/senate/docs/F69-24.pdf) at <http://www.sjsu.edu/senate/docs/F69-24.pdf> states that “Students should attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class. Attendance per se shall not be used as a criterion for grading.”

Class participation: Show up! Sign in. Ask questions. Meet with me on a regular basis. Participate in full for critique. Be kind, patient and thoughtful to yourself, and others in your community.

Grading Policy

(Instructor reserves the right to change an assignment or a due date with adequate advance notice.)

Grades will be assigned according to University policy from A to F as outlined in the SJSU catalog. All work must be finished and turned in according to ascribed deadlines and instructions.

Make-up policy: There are no make-up’s given for missed tests, critiques or class cleanups. This results in a zero as the recorded grade for the missed assignment or participation.

Your semester grade is based on a grade scale: You must show progress throughout the semester in order to receive the highest grade possible.

A+ = 100-97%

A = 96-93%

A- = 92-90%

B+ = 89-87%

B = 86-83%

B- = 82-80%

C+ = 79-77%

C = 76-73%

C- = 72-70%

D+ = 69-67%

D = 66-63%

D- = 62-60%

F = 59-0%

Unsatisfactory

Determination of Grades:

Rubrics: When presented, each project description has a detailed list of what and how the project will be evaluated for a grade. Categories include:

1. Mastery of the and techniques
2. Design execution and creativity
3. Participation, dedication, and effort

Each category will have different percentage points associated with it. You will be awarded points for the level of completion your project demonstrates in that category. The points are totaled up and a grade is given based on the valued grade percentage.

Late assignments and projects: For every day the assignment is late, the grade for that assignment is dropped by one letter grade. If the project is not presented by the date and time stated for critique, it is considered late and the grade will be docked accordingly.

All grades will be posted in a timely fashion on Canvas for you to access whenever you want.

In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor sooner rather than later. This opens up a dialogue to discuss ways of improving the work and/or behavior to enable the highest achievement possible.

Recording of Classes

- “Common courtesy and professional behavior dictate that you notify someone when you are recording him/her. You must obtain the instructor’s permission to make audio or video recordings in this class. Such permission allows the recordings to be used for your private, study purposes only. The recordings are the intellectual property of the instructor; you have not been given any rights to reproduce or distribute the material.”

Intellectual Property

- “Course material developed by the instructor is the intellectual property of the instructor and cannot be shared publicly without his/her approval. You may not publicly share or upload instructor generated material for this course such as exam questions, lecture notes, or homework solutions without instructor consent.”

Final Examination or Evaluation

Final critiques will be held on the last day of class. Your scheduled final examination day will be used for individual meetings when noted.

Recording Zoom Classes

This course or portions of this course (i.e., lectures, discussions, student presentations) will be recorded for instructional or educational purposes. The recordings will only be shared with students enrolled in the class through Canvas. The recordings will be deleted at the end of the semester. If, however, you would prefer to remain anonymous during these recordings, then please speak with the instructor about possible accommodations (e.g., temporarily turning off identifying information from the Zoom session, including student name and picture, prior to recording).

Students are not allowed to record without instructor permission

Students are prohibited from recording class activities (including class lectures, office hours, advising sessions, etc.), distributing class recordings, or posting class recordings. Materials created by the instructor for the course (syllabi, lectures and lecture notes, presentations, etc.) are copyrighted by the instructor. This university policy (S12-7) is in place to protect the privacy of students in the course, as well as to maintain academic integrity through reducing the instances of cheating. Students who record, distribute, or post these materials will be referred to the Student Conduct and Ethical Development office. Unauthorized recording may violate university and state law. It is the responsibility of students that require special accommodations or assistive technology due to a disability to notify the instructor.

Technology Requirements

Students are required to have an electronic device (laptop, desktop or tablet) with a camera and built-in microphone. SJSU has a free equipment loan program available for students.

Students are responsible for ensuring that they have access to reliable Wi-Fi during tests. If students are unable to have reliable Wi-Fi, they must inform the instructor, as soon as possible or at the latest one week before the test date to determine an alternative. See Learn Anywhere website for current Wi-Fi options on campus.

Zoom Classroom Etiquette

- **Mute Your Microphone:** To help keep background noise to a minimum, make sure you

mute your microphone when you are not speaking.

- **Be Mindful of Background Noise and Distractions:** Find a quiet place to “attend” class,

to the greatest extent possible.

- Avoid video setups where people may be walking behind you, people talking/making noise, etc.
- Avoid activities that could create additional noise, such as shuffling papers, listening to music in the background, etc.

- **Position Your Camera Properly:** Be sure your webcam is in a stable position and focused

at eye level.

- **Limit Your Distractions/Avoid Multitasking:** You can make it easier to focus on the

meeting by turning off notifications, closing or minimizing running apps, and putting your smartphone away (unless you are using it to access Zoom).

- **Use Appropriate Virtual Backgrounds:** If using a virtual background, it should be

appropriate and professional and should NOT suggest or include content that is objectively offensive or demeaning.

Technical difficulties

Internet connection issues:

Canvas autosaves responses a few times per minute as long as there is an internet connection. If your internet connection is lost, Canvas will warn you but allow you to continue working on

your exam. A brief loss of internet connection is unlikely to cause you to lose your work. However, a longer loss of connectivity or weak/unstable connection may jeopardize your exam.

Other technical difficulties:

Immediately email the instructor a current copy of the state of your exam and explain the problem you are facing. Your instructor may not be able to respond immediately or provide technical support. However, the copy of your exam and email will provide a record of the situation.

Contact the SJSU technical support for Canvas:

If possible, complete your exam in the remaining allotted time, offline if necessary. Email your exam to your instructor within the allotted time or soon after.

Academic Dishonesty

Students who are suspected of cheating during an exam will be referred to the Student Conduct and Ethical Development office and depending on the severity of the conduct, will receive a zero on the assignment or a grade of F in the course. Grade Forgiveness does not apply to courses for which the original grade was the result of a finding of academic dishonesty.

University Policies

Per [University Policy S16-9](http://www.sjsu.edu/senate/docs/S16-9.pdf) (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant university policy concerning all courses, such as student responsibilities, academic integrity, accommodations, dropping and adding, consent for recording of class, etc. and available student services (e.g. learning assistance, counseling, and other resources) are listed on [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo) (<http://www.sjsu.edu/gup/syllabusinfo>), which is hosted by the Office of Undergraduate Education. Make sure to visit this page to review and be aware of these university policies and resources.

Art 13, 3D Concepts

Fall, 2020

Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
		Intro to class.
		Intro to Project 1 Framing, using wire
	TH 8/20	Homework: begin gathering materials. Sketchbook, apple, wire, and pliers will be needed for class next week.
		Begin sketching your invented body part.
		Also, Begin reading your Handout on Critiques.
		In class exercise observe an object from as many angles as possible and draw what you see
1	T 8/25	In class exercise: Slice an apple in sections and trace those sections. Use wire to trace those sections. Now wire the slices back together into a three-dimensional apple. Complete the rest. Document.
		Homework: work on Reading Response, continue sketching your invented body part. Draw your body part sliced up in sections.
2	TH 8/27	In-class critique of apples and body part sketches
2	T 9/1	Workday- begin lining out your new body part wire frame
		Workday- body part wire frames
3	TH 9/3	First reading response is due.
		Homework: Begin manipulating 19- or 16-gauge wire to follow your drawings.
		No Zoom today.
3	T 9/8	Workday- body part wire frames
		Homework: Begin reading Chapter 2 of the Critique Handbook. Continue to work on body part frame.

Week	Date	Topics, Readings, Assignments, Deadlines
		No Zoom today.
4	TH 9/10	Workday- body part wire frame Homework: Finalize your wire sculpture
4	9/15	Critique! Turn in good documentation of your completed sculpture.
		Project #2 Intro: Joinery, using cardboard
5	9/17	Adhesives demo. Homework: Begin sketching, modelmaking and playing with your cardboard
5	9/22	Workday
6	9/24	Workday
6	9/29	Workday
7	10/1	Joinery Critique.
7	10/6	Project #3 Intro: Modular construction
8	10/8	Workday for third project
8	10/13	Workday for third project
9	10/15	One-on-one meetings to look at your progress on the third project.
9	10/20	Workday for third project
10	10/22	Final workday for third project
10	10/27	Critique of Project 3.
11	10/29	Project #4 Intro: Abstract sculpture

Week	Date	Topics, Readings, Assignments, Deadlines
		Homework: research and sketch
11	11/3	Demos towards Project 4. Bring your questions about how you will put your final project together. Necessary materials should be ordered by now for fourth project.
12	11/5	Workday for Project 4.
12	11/10	One-on-one meetings/ workday for fourth project
13	11/12	Second half of one-on-one meetings.
13	11/17	Workday for Project 4.
14	11/19	Vocab Quiz Work time.
14	11/24	Workday for Project 4.
15	11/26	Thanksgiving. No class
15	12/1	Final day of work time with demos as needed.
16	12/3	Critique of Project 4.
16	Friday, Dec 11	14:45-17:00.
Final Exam		