

**San José State University
Department of Art & Art History
Art 13, 3D Concepts, Section 2
Spring 2021**

Course and Contact Information

Instructor:	Cassandra Straubing
Office Location:	Zoom
Telephone:	Use Canvas
Email:	Cassandra.straubing@sjsu.edu or Canvas
Office Hours:	M/W 3-4PM (or immediately following class-ideal)
Class Days/Time:	M/W 12-2:50 PM
Classroom:	Online

Faculty Web Page and MYSJSU Messaging

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.

Course Description

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

This class will transition you from the idea of the two-dimensional plane into a three-dimensional space. We will learn the art and practice of viewing art and objects in the round and how objects interact with location and culture.

You will learn a new material and a new fabrication technique with each assignment, through a series of hands-on projects. We will be discussing formal issues, as well as the importance of concept and intension through creative problem-solving.

Course Format

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

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 Texts/Readings

Course readings will be available online in PDF form or directly from a website, posted on 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
- T square/ ruler
- Exacto blade AND box cutting knife
- Wire cutters/needle nose pliers
- Annealed iron wire- 20/22 gauge
- Tape measure
- A tool box/bag for all your stuff
- Masking Tape

Market

- Apple and kitchen knife
- Elmers glue

Sourced-

- Find Recycled cardboard- start collecting NOW

Art material store

- Cutting mat
- Sketchbook

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 or with a hand raise. Students are asked to remain on mute until called on to speak. 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 will be noted. Class will be recorded and posted on Canvas.

Texting or playing games during a slide lecture or a technical demonstration is absolutely unacceptable.

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. This is also the best way to contact me.

Questions???

It is important that you ask any and all questions you have as we go along. If you are confused about an assignment, or if I haven't made something clear, please ask me in class or at the end during my office hours. I will be happy to discuss a project at any stage with you.

Library Liaison

Gareth Scott

email: gareth.scott@sjsu.edu

phone: (408) 808-2094

Dr. Martin Luther King, Jr. Library
4th Floor Administration Offices

Course Requirements and Assignments

SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on. More details about student workload can be found in [University Policy S12-3](#) at <http://www.sjsu.edu/senate/docs/S12-3.pdf>.

When your project is complete, please document it with three different angles of photography. Set up a plain background and use lots of light.

Vocabulary Quiz 10%

Vocabulary response critique write-up 10%

In-class reading response 5%

Project 1- **Wearable Sculpture: joinery, using cardboard** 25%

Design and create a cardboard sculpture that is placed on your body that tells a story or offers “cultural critique.” This is not a piece of clothing or jewelry, like a hat or glasses, but a

sculpture that significantly alters/transforms your body. Clothing might inspire how the sculpture fits the body, but it should be distinctly 3-dimensional, rather than just cardboard covering the body. 30% of the surface must demonstrate texture.

Project 2- **Abstract Modular Sculpture 25%**

Design simple three-dimensional modules out of a material of your choice- toothpicks, straws, eggshells, matchsticks, rocks, leaves etc. Produce a prototype using one material (+adhesive) made out of at least 5 parts. Once worked out, construct 100 identical modules. The completed modules will then be attached all together into your sculpture using adhesive, physics or gravity.

Project 3- **Kinetic Wire Sculpture 25%**

Using a malleable metal wire (soft iron, aluminum, copper) to create the volume and mass, produce a sculpture in-the-round that moves or has a moving part involved. Avoid making cliches.

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: This includes one-on-one discussions of your project progress, discussion of your colleagues' work in critiques, and discussion of the artists' work presented in video presentations. I will take attendance in Canvas at the beginning of each class period. If you don't speak up a lot in class, at least the attendance log will show me that you were (quietly) participating.

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.

I will assign you a numerical grade for each of your projects in this class, as follows:

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%

A= Excellent work
B= Above average work
C= Average work
D= Below average work
F= Unsatisfactory work

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

Penalty for Late Work

Projects will lose 1 letter grade per week that they are late, unless proof of illness or extraordinary circumstances is presented.

Instructor reserves the right to move a due date with adequate notice, to a later date than the one listed on the course calendar.

“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... Other course structures will have equivalent workload expectations as described in the syllabus.”

For a class that meets 6 hours per week, this means a MINIMUM of 3 hours per week of work outside of class is expected.

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 needed.

Zoom Recording of 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).

“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.” 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.

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>), 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.

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Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	1/27	Intro to class. Homework: begin gathering materials. Start with sketchbook, cardboard, cutting blades and cutting board.
2	2/1	Vocabulary introduction. In class exercise: observe a piece of fruit or vegetable from as many angles as possible and draw what you see. Homework: study vocabulary.
2	2/3	Project #1 Intro: Joinery, using cardboard- Wearable Sculpture Demo: Learn how to manipulate cardboard Homework: Sketch 3 different project ideas
3	2/8	Class project ideation. Present your drawings and brainstorm ideas with the class.
3	2/10	In class: work on material samples.
4	2/15	Present 3 cardboard material samples to the class Homework: start your sculpture if you haven't already. Have some significant progress for meetings next week.
4	2/17	One-on-one meetings. Be prepared to work on your project while in the waiting room, waiting your turn.
5	2/22	In-class reading and writing assignment
5	2/24	In-class project workday

Week	Date	Topics, Readings, Assignments, Deadlines
6	3/1	Critique! Turn in good documentation of your completed sculpture. Homework: complete Student Critical Analysis write-up.
6	3/3	Project #2 Intro: Abstract Modular construction Homework: Sketch 3 different project ideas.
7	3/8	Video presentation
7	3/10	Class project ideation. Present your drawings and brainstorm ideas with the class Homework: study for the quiz.
8	3/15	Vocab Quiz. Gather materials and begin playing with module prototypes
8	3/17	Present module prototypes
9	3/22	Work on modules
9	3/24	Work on modules. Homework: finish your sculpture by the end of break.
	3/29	Spring break!
	3/31	Spring break!
10	4/5	Critique of Project 2.
10	4/7	Video presentation
11	4/12	Project #3 Intro: Kinetic Wire Sculpture Homework: Gather wire cutters, needle nose pliers, tape, apple, knife and sketchbook for the next class. Homework: Sketch 3 different ideas
11	4/14	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.
12	4/19	Work on apple. Complete and document. Homework: Draw your sculpture sliced up in sections.
12	4/21	Class project ideation. Present your drawings and brainstorm ideas with the class Homework: Begin the wire outlining of your sculpture. Get as far as you can for one-on-one meetings. What part moves?
13	4/26	First half of one-on-one meetings.
13	4/28	Second half of one-on-one meetings.
14	5/3	Work on wire sculpture
14	5/5	Work on wire sculpture- show progress
15	5/10	Work on wire sculpture

Week	Date	Topics, Readings, Assignments, Deadlines
15	5/12	Prepare for Critique of Project 4.
16	5/17	Critique! Submit on Canvas: three good documented images of your project
16	5/20 9:45-12	Final Individual Meetings (as needed)