

San José State University
Art Department
Art 13, 3D Concepts, Section 2, Spring 2017

Course and Contact Information

Instructor:	Elizabeth Miles
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Office Hours:	Wednesday, 2:00-3:00 or by appointment
Class Days/Time:	Mon – Wed 3:00-5:50
Classroom:	Art 108
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Course Description

This lower division undergraduate course is an introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition, including the study of the elements and organizing principles of design as they apply to three-dimensional space and form. It includes development of a visual vocabulary for creative expression through lecture presentations and use of appropriate materials for three-dimensional studio projects. Various fabrication techniques for working in materials such as, wood, metal, plaster, found objects and wire will be introduced with each assignment.

Three units.

Course Learning Outcomes (CLO)

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

CLO1 - Make an object using a process of *abstraction*: use an existing form (natural or man-made) as the basis or inspiration for a new object that captures the “essence” of the original form without directly mimicking it.

CLO2 - 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.

CLO3 - Design objects with the capacities and qualities of a given material in mind, allowing these to influence the form of each object.

CLO4 - Integrate joinery and connective systems into the design of an object from its inception.

CLO5 - Assess an existing object or render a new object in two dimensions using cross-section drawings or the principles of pattern making.

CLO6 - Fabricate objects using a wide variety of power tools and hand tools. Practice a variety of woodworking, metalworking, mold making and other constructive, subtractive and manipulation techniques.

CLO7 - Make objects that tell a story or offer “cultural critique,” the questioning of commonly held assumptions.

CL08 - Recognize and use terminology specific to the field of three-dimensional design and sculpture.

Required Texts/Readings

Paula Crawford and Kendall Buster, *The Critique Handbook* Chapter 1 and 2 (can be found on Canvas)

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](http://www.sjsu.edu/senate/docs/S12-3.pdf) at <http://www.sjsu.edu/senate/docs/S12-3.pdf>.

Assignments:

Exercise 1: Magical Tension

Project 1: Critters Crossing (cross sections)

Project 2: Pick-a-Word (plaster carving)

Project 3: Cultural Critique (found object assemblage)

Your final grade will be assessed as follows:

Projects 65%

Exercise 1: 5%

Project 1: 20%

Project 2: 20%

Project 3: 20%

Vocabulary Quizzes 10% (5% for each)

Participation 15%

Writing 10% (5% for each)

Class participation: This includes: discussion of your colleagues’ work in critiques, discussion of the artists’ work presented in videos and slide presentations, discussion of readings, presence during technical demonstrations, input concerning desired technical demonstrations, interaction with visiting lecturers, and cleaning up after yourself in the classroom! All work must be finished and turned in according to ascribed deadlines. **ATTENDANCE ON CRITIQUE DAYS IS REQUIRED.**

Shop safety test: Students who use the shop facilities will be required to take the Shop Safety Test before they can use the facility. In order to take the Shop Safety Test and use the School of Art & Design Shop Facilities, you must:

- Bring a receipt for the fee paid at the Bursar’s Office into Fund 62089. The Bursar’s Office accepts cash, check, or ATM debit card payments.
- Be enrolled in at least one 3-unit Art or Design course during the spring 2013 semester.

You can watch the Shop Safety Test online at:

<http://www.sjsu.edu/at/atn/webcasting/events/shopysafety/>

Grading Policy

- I expect a high degree of commitment to this class. Your persistence, imagination, and level of involvement in solving visual problems determine the quality of your work. Be sure to challenge yourself within the parameters of each assignment. The criteria I use in assigning grades for studio assignments are the quality and complexity of the ideas being explored (including preparation, research, and preliminary sketches) and your success in executing these ideas (problem solving, craftsmanship, attention to detail, presentation).
- Access to your grades as well as copies of course materials such as the syllabus, major assignment, handouts, notifications etc. will be made available through the SJSU Canvas system (<http://sjsu.instructure.com>), accessible through your SJSU One account. You are responsible for regularly checking with the messaging system through MySJSU.
- All work must be finished and turned in according to described deadlines and instructions. **I will accept late assignments up to three weeks late, but they will be downgraded by one full letter grade per week. Graded assignments can be redone and resubmitted for an additional grade any time until the end of the semester.**

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		

A= Excellent work

B= Above average work

C= Average work

D= Below average work

F= Unsatisfactory work

Classroom Protocol

We learn by researching, experimenting, creating and discussing. I encourage mistakes and failures as part of the learning process. Through critiques and discussions, we will all learn and we will all teach. I expect students to have fun, be imaginative and expressive, but I also expect that they will be respectful toward the instructor and each other. No electronics are to be used during class unless they are used as research tools for the assigned projects. Critiques are a very important part of the learning process and I expect all students to be attentive and actively participate. Because this is a hands-on class with many demonstrations and slide lectures I expect all students to be mindful of attendance. Too many unexcused absences or tardies may negatively impact your grade because you are likely to miss crucial information. Be on time, arriving late disrupts class and is disrespectful. If you miss a demonstration, it is up to you to make arrangements with the instructor to make it up. Artistic integrity is a must. Your work should be your own original work. You may look to other artists and online resources for inspiration, techniques and skill building purposes, but you may not copy someone else's idea or concept.

Clean up: Clean up begins 15 minutes before class ends. ALL areas that you have used must be cleaned before you leave the studio. An additional and mandatory department wide cleanup will take place on the date

scheduled for our final exam.

University Policies

General Expectations, Rights and Responsibilities of the Student

As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with SJSU's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. See [University Policy S90-5](http://www.sjsu.edu/senate/docs/S90-5.pdf) at <http://www.sjsu.edu/senate/docs/S90-5.pdf>. More detailed information on a variety of related topics is available in the [SJSU catalog](http://info.sjsu.edu/web-dbggen/narr/catalog/rec-12234.12506.html), at <http://info.sjsu.edu/web-dbggen/narr/catalog/rec-12234.12506.html>. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the Department Chair as a next step.

Dropping and Adding

Students are responsible for understanding the policies and procedures about add/drop, grade forgiveness, etc. Refer to the current semester's [Catalog Policies](http://info.sjsu.edu/static/catalog/policies.html) section at <http://info.sjsu.edu/static/catalog/policies.html>. Add/drop deadlines can be found on the current academic year calendars document on the [Academic Calendars webpage](http://www.sjsu.edu/provost/services/academic_calendars/) at http://www.sjsu.edu/provost/services/academic_calendars/. The [Late Drop Policy](http://www.sjsu.edu/aars/policies/latedrops/policy/) is available at <http://www.sjsu.edu/aars/policies/latedrops/policy/>. Students should be aware of the current deadlines and penalties for dropping classes.

Information about the latest changes and news is available at the [Advising Hub](http://www.sjsu.edu/advising/) at <http://www.sjsu.edu/advising/>.

Consent for Recording of Class and Public Sharing of Instructor Material

[University Policy S12-7](http://www.sjsu.edu/senate/docs/S12-7.pdf), <http://www.sjsu.edu/senate/docs/S12-7.pdf>, requires students to obtain instructor's permission to record the course and the following items to be included in the syllabus:

- “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.”
- “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.”

Academic integrity

Your commitment, as a student, to learning is evidenced by your enrollment at San Jose State University. The [University Academic Integrity Policy S07-2](http://www.sjsu.edu/senate/docs/S07-2.pdf) at <http://www.sjsu.edu/senate/docs/S07-2.pdf> requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the office of Student Conduct and Ethical Development. The [Student Conduct and Ethical Development website](http://www.sjsu.edu/studentconduct/) is available at <http://www.sjsu.edu/studentconduct/>.

Campus Policy in Compliance with the American Disabilities Act

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. [Presidential Directive 97-03](http://www.sjsu.edu/president/docs/directives/PD_1997-03.pdf) at http://www.sjsu.edu/president/docs/directives/PD_1997-03.pdf requires that students with disabilities requesting accommodations must register with the [Accessible Education Center](http://www.sjsu.edu/aec) (AEC) at <http://www.sjsu.edu/aec> to establish a record of their disability.

Art 13/ 3D Concepts, Spring 2017, Course Schedule

This schedule is subject to change with fair notice. Any changes will be shared both in-class and via Canvas.

Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	1/30M	Green sheet review, meet and greet <u>Homework</u> : 1. View shop test video and pay \$20 to bursars office for shop test take copious notes (the test is open note). 2. Bring a sketchbook (at least 8"x10") for next class.
1	2/1 W	<u>Bring receipt for shop test, view video, review for test and take shop test.</u> Start reading the critique handbook chapter 1
2	2/6 M	Magical Tension part 1 introduction. Shop demonstrations and work day Magical Tension part 1 challenge; part 2 - Follow instructions. Project 1 introduction: Critters Crossing. <u>Homework</u> : bring in two objects for next class. Tomorrow – last day to drop classes
2	2/8 W	Work Day: Generating Cardboard cross sections of your objects. Demo: Cutting Patterns on the band saw – curves and relief cuts. <u>Homework</u> : develop concepts for critter (at least 3 ideas) and bring your sketches/ words/ images or any other reference materials to class.
3	2/13 M	Work Day: sketch check and design cardboard model of the chosen concept.
3	2/15 W	Work Day: Start cutting wood from cardboard patterns Demo: sanding and gluing wood.
4	2/20 M	Work Day: Continue working on project 1 <u>Reading of chapter 1 of the critique handbook must be completed and the written response posted by midnight tonight.</u>
4	2/22 W	Vocab Quiz 1 review <u>Homework</u> : begin reading chapter 2 of the critique handbook
5	2/27 M	Vocabulary Quiz 1 and continue work. Work Day
5	3/1 W	Work Day
6	3/6 M	CRITIQUE Project 1 <u>Homework</u> : For next class be sure to come dressed to get messy, bring your dust musk and empty 1gallon water bottle.
6	3/8 W	Project 2 Introduction, <u>Pick a word</u> Demo: Plaster casting Start casting Plaster Start making clay maquettes <u>Homework</u> : Finish a minimum of 5 maquettes and bring to next class for discussion.
7	3/13M	Demo: carving plaster, scaling up/ strategy, <u>make your own curving tool.</u>

		Discuss maquettes and make final selection. Document all maquettes and include it in your sketchbook. Start curving!
7	3/15 W	Work day
8	3/20 M	Work day Vocab Quiz 2 review
8	3/22 W	Work day
9	3/ 27 M	Spring Recess – No class
9	3/29W	Spring Recess – No class
10	4/ 3 M	Vocabulary Quiz 2 Work day
10	4/5 W	Work day
11	4/10 M	Work day
11	4/12 W	Work day
12	4/ 17 M	CRITIQUE Project 2
12	4/19 W	Project 3 Introduction <u>Reading of chapter 2 of the critique handbook must be completed and the written response posted by midnight tonight.</u> <u>Homework:</u> sketches of at least 2 different ideas for project 3 and bring to next class.
13	4/24 M	Sketch check and small group discussions of proposed concepts. <u>Take notes during discussion</u> regarding your work and the creative decision making process.
13	4/26 W	Demo: connecting systems Concept development
14	5/1 M	Demo: drilling, riveting, Laser cutting
14	5/3 W	Work day
15	5/8 M	Work day
15	5/10 W	Work day
16	5/ 15 M	FINAL CRITIQUE
Final Exam	5/24 W 12:15-2:30	CLEAN-UP DAY