

**San José State University**  
**Department of Art & Art History**  
**Art 140, Topics in Glass: Blowing and Image Making on Glass,**  
**Section 1, Fall 2019**

**Course and Contact Information**

<b>Instructor:</b>	Cassandra Straubing
<b>Office Location:</b>	IS 208, IS 235 (classroom)
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<b>Office Hours:</b>	Monday 3-3:40 Wednesday 3-3:40
<b>Class Days/Time:</b>	Section 1 M/W 9-11:50
<b>Classroom:</b>	IS 235

**Course Format**

**Technology contents:**

Course materials such as syllabus, handouts, notes, assignment instructions, etc. will be posted on [Canvas Learning Management System course login website](#) at <http://sjsu.instructure.com> . There will also be reading and written assignments submitted through Canvas. You are responsible for regularly checking Canvas, your email and attending class from the beginning of the period to learn of any updates.

**Course Description**

Art 140 is an introduction to glass working techniques, history and concept. Basic glass blowing, image making, and cold working will be taught through a series of hands-on projects. 3 Units.

This course is repeatable up to 9 units.

**Course Learning Outcomes (CLO)**

The assessment is based on an analysis of student behaviors and products in which they demonstrate how well they have mastered learning outcomes. Upon completion of this course, students will be able to:

**CLO1** Blow a pair of vessels and transfer imagery onto their surface.

**CLO2** Transfer a series of images onto a blown Swedish graal, utilizing the sand blaster.

**CLO3** Cut and polish glass using traditional cold glass techniques to accommodate the contemporary aspects of finishing glasswork.

**CLO4** Analyze, compare, contrast and discuss contemporary issues and topics of glass and glass art

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

1. Blow a vessel
2. Transfer imagery onto the surface of a glass vessel
3. Navigate the fundamentals of a glass studio, using proper terminology and efficiency with basic glass equipment

## Required Texts, Readings and Materials

**Textbook:** There is no required textbook for this course, however a very helpful glass blowing manual can be ordered online- *Beginning Glass Blowing* by Edward T. Schmid ISBN # 0-9638728-2-6.

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

**Materials:** All required materials must be gathered by Aug. 28<sup>th</sup>

1. Please arrive each day with the following- wearing closed toed shoes, cotton or natural material clothing. It is extremely important not to wear shorts above the knees, skirts, or synthetic materials when you are working with hot glass. If you do, you will not be allowed to participate, therefore affecting your participation grade.
2. Eye protection- An initial pair of safety glasses will be provided to you at the beginning of the semester. Additional pairs can be purchased from any hardware store. Prescription will also equally suffice.
3. Permanent marker
4. Electrical and Duct-tape
5. Exacto blade
6. Hand towel
7. Tupperware, Rubbermaid or similar flat container holding at least 3 cups.
8. Sketchbook
9. Respirator (optional). Dust masks will be provided for your safety; however, a respirator for silica particles is recommended, marked with your name and stored in a container.
10. Glass color will be sold for 5\$ a baggy
11. Any additional materials for projects (that the school does not provide) will be the responsibility of the student. MSDS sheets are required for all foreign material brought into this studio.

## Course Requirements and Assignments

According to University policy, each week students should expect to spend 2 hours of outside work for every hour spent in class. Grade checks will be available upon request throughout the semester.

- Safety Test- Aug. 28<sup>th</sup>
- Hot shop vocab test- Sep. 4<sup>th</sup> (10%)
- Cold shop vocab test- Oct. 23<sup>rd</sup> (10%)
- Studio production and studio participation- Due Dec. 9<sup>th</sup> (10%)
- Assignments:
  - o 5 process test tiles demonstrating different image transfer techniques- due Oct. 9<sup>th</sup> (5%)
  - o Three graal blanks- due Oct. 9<sup>th</sup> (5%)
  - o Coldworked tumbler (due Oct. 30<sup>th</sup> (5%)
  - o Canvas assignment 5%
- **Project: The Swedish Graal depicting an historical work of art-** Research and design an image based on an historical work of art from your cultural background. In parallel conjunction, we will learn how to blow a Swedish graal and then transfer our works of art. We will then work as a team, similar to how Swedish glassmakers work, to pick the graal back up in the hot shop and finish the vessel. Due Dec. 9<sup>th</sup> (25%)

- **Project: A pair of vessels depicting a current news story-** We will learn how to blow various shaped vessels. You will then research and retell a current news and event story that resonates with you. Create an accompanying storyboard that corresponds with the news story. Using new glass imagery techniques learned in class, you will transfer your story board onto your blown vessels. Due Dec. 9<sup>th</sup>. (25%)

**All glass assignments and projects must have proper engraving on bottom in order to receive credit.**

- **Name, initials, symbol or signature and date/year**

**Final Evaluation:**

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

**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 glass process and techniques
2. Design execution and creativity
3. Craftsmanship
4. Participation, dedication, and effort

Each category will have a grade weight 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 a 100-point scale.

**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 installed by the date and time stated for critique, it is considered late and the grade will be docked accordingly.

**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 1000-point grading 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		

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.

**Classroom Protocol:**

1. This studio is a community that takes everyone to make it run in order for you to make your work.
2. Class participation is based on arriving each day **at the start of class**, as we begin covering materials immediately. You must also stay till the end of class to receive full credit. Full credit includes participation in daily demonstrations, group discussions, in-class assignments and projects, tests, critiques, and studio cleanup's. I expect you to be fully dedicated to your projects throughout the semester. Daily class participation will be recorded at the beginning and/or at the end of each class period based on the effort put into the scheduled class and individual activities. Missing more

than five of the participation days within the semester will make it difficult to pass the course. Your participation efforts will be reflected in your project grade weight and the final evaluation of total points accumulated at the end of the semester. But participation is based on # of classes attended. Again, attendance per se shall not be used as a criterion for grading according to Academic Policy F-69-24. "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." Complete daily class participation is crucial, due to this course being taught through hands-on experiences. Missed material will be retaught at the discretion of the instructor, due to the time it takes to re-teach the material missed.

3. Safety will be discussed on the first day of class and practiced in the Glass Area at all times throughout the semester. For safety reasons, no one is allowed to work in the glass facilities without a partner, unless the instructor gives permission. Use the buddy system. There is no studio access on school holidays.
4. Cell phone use is not permitted during class. This includes texting, gaming or social media. You are, however, allowed to use it for photo documenting and research, when permitted.
5. Recording of Class and Public Sharing of Instructor Material requires students to obtain instructor's permission to record the course. 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.
6. Students are expected to be good citizens and to engage in responsible behaviors that reflect well upon their university, to be civil to one another and to others in the campus community, and to contribute positively to student and university life. California Code of Regulations 41301. Standards for Student Conduct (a) Student Responsibilities. The conduct in this program and especially in this class is held with (and requires!) mutual respect. It is a climate free of arrogance and intimidation. Accountability is to you as the student, each other, and the instructor.

#### 7. Emergency Phone Numbers

Campus police: (408) 924-2222 Dial this first.

Emergency (Police, Fire, Ambulance): 911

**Studio technician: Tim Straubing- (408) 930-3957**

***Understand that there is a potential risk in participating in this class. Understand that the school will do what it can to prevent any health issue or emergency from happening and understand that the school and Glass areas are not reliable for any health and safety issue you might have or acquire. We will learn each piece of machinery as the semester progresses therefor you are not allowed to operate any piece of equipment until the instructor has checked you off on that piece of equipment. The Glass studio and SJSU rules must be followed at all times.***

#### **University Policies**

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/>"

# ART 140, Section 1/ Beginning Glass and Imagery, F19

## Course Schedule

*The schedule is subject to change with fair notice on the Canvas web page or announced at the beginning of class.*

### Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	W 8-21	Orientation Demo: an overview of glass blowing
2	M 8-26	Safety Lecture Assign cubbies and lockers to each student Video: An introduction to glass Vocabulary: Take notes for the Hot Shop Vocab test on Sep. 4 <sup>th</sup> Demo: blowing a bubble- take notes Demo: make a newspaper- take notes Blow slot discussion for those students who have previous blowing experience Homework: study for the test
2	W 8-28	Safety test. All required class materials must be gathered by the start of class. Demo: another overview of glass blowing- take notes Demo: how to properly clean up at the end of class and your blow slot- take notes. Homework: study for the test
3	M 9-2	Monday Labor Day- Campus closed
3	W 9-4	<b>Hot Shop Vocab Test</b> Demo and practice: Gathering, marvering and placing neck lines in hot glass
4	M 9-9	Demo and practice: Gathering, blocking and blowing glass spheres and elongated bubbles. Pick blowslots
4	W 9-11	Work on elongated bubbles
5	M 9-16	<b>Project introduction: The Swedish Graal Depicting An Historical Work of Art. Due Dec. 9<sup>th</sup></b> <b>Assignment: blow THREE Graal blanks, not punted, ready for imagery application. Due Oct. 9<sup>th</sup></b> <b>Assignment: Research and design an image based on an historical work of art from your cultural background. Properly prepare and size the image for transferring onto the surface of your graal. Sketches due Sep. 30<sup>th</sup>, final image due October 9<sup>th</sup>.</b> Work on elongating bubbles
5	W 9-18	Demo and practice: blowing a graal with color technique #1 frit
6	M 9-23	Class studio clean-up day! Demo and practice: blowing a graal with color technique #2 powder Homework: work on artwork and bring in sketches.

6	W 9-25	Demo: how to prepare and size your artwork sketches Work on Graal making Homework: finish your 3 graals during your blow slots
7	M 9-30	<b>Assignment: create FIVE 2" x 2" test tiles demonstrating five different imagery transfer techniques. Due October 9<sup>th</sup></b> Demo: cutting sheet glass to create your tiles Demo: Applying imagery to a glass surface using the sandblaster and flexible shaft Homework: cut 5 test tiles- Due Wed Homework: Finalize image based on an historical work of art from your cultural background, properly prepared and sized- Due Wed.
7	W 10-2	Demo and practice: image transfer onto glass using Rayzist and the sandblaster. Homework: finish your 3 graals to turn in on Monday.
8	M 10-7	Open studio: Work on test tiles and artwork image prep
8	W 10-9	<b>Turn in graals with corresponding artwork</b> <b>Turn in FIVE process test tiles, demonstrating the 5 different image transfer techniques we learned in class</b> <b>Project introduction: A pair of vessels depicting a current news story</b> <b>Assignment: research and retell a current news and event story that resonates with you. Create an accompanying storyboard that corresponds with the news story. News story and sketches due Nov. 6<sup>th</sup></b>
9	M 10-14	Hot demo: making a punty. Practice passing punties on solid spheres, then on blown spheres <b>Exercise: The tumbler- blow a round bubble, transfer it, then cold work/ polish a bottom using the diamond wheel or lathe. Uniquely embellish the surface and sign with the flex shaft. Due Oct. 30<sup>th</sup></b>
9	W 10-16	Open studio: Work on tumblers
10	M 10-21	Introduction to the cold shop: video and vocab sheet Equipment demo: lathe, diamond wheel, belt sander and polishing Open studio: Work on tumblers, transferring your storyboards onto the surface of your graal blanks, or test tiles.
10	W 10-23	<b>Cold shop test</b> Vessel shape demos Open studio: Work on tumblers, vessels, cold working and transferring your imagery onto the surface of your graal blanks
11	M 10-28	Vessel shape demos Open studio: Work on tumblers, vessels, cold working and transferring your imagery onto the surface of your graal blanks Homework- finalize the coldworked tumbler
11	W 10-30	<b>Tumblers due.</b> Class studio clean-up day! Vessel shape demos Open studio: Work on tumblers, vessels, cold working and transferring your imagery onto the surface of your graal blanks
12	M 11-4	Open Studio- work on vessels, imagery and graals Graal pick-up day in the hotshop Homework: finalize news sketches
12	W 11-6	<b>News story and sketches due</b> Open Studio- work on vessels, imagery and graals

		Graal pick-up day in the hotshop
13	M 11-11	Veterans Day- Campus closed
13	W 11-13	Open Studio- work on vessels, imagery and graals Graal pick-up day in the hotshop
14	M 11-18	Open Studio- work on vessels, imagery and graals Graal pick-up day in the hotshop
14	W 11-20	Class studio clean-up day! Open Studio- work on vessels, imagery and graals Graal pick-up day in the hotshop
15	M 11-25	Open Studio- work on vessels, imagery and graals Graal pick-up day in the hotshop
15	W 11-27	Thanks Giving, campus closed
16	M 12-2	LAST Graal pick-up day in the hotshop LAST class day to blow vessels. (last blowslots are on Friday) Open Studio- work on vessels, imagery and graals
16	W 12-4	Final coldworking for critique
17	M 12-9	<b>Last day of classes. Final Critiques.</b> Turn in 1 coldworked and finished graal with historical-based artwork on the surface Turn in a set of 2 blown and coldworked vessels with the accompanying news story imagery Final clean-up Studio production due
"Final"	Art 140-1 F 12-13 @7:15A  ART140-2 M 12-16 @ 9:45A	Individual meetings when contacted Please pick up final projects. All cubbies and lockers must be cleaned out by DECEMBER 16 <sup>TH</sup> .