Course and Contact Information
Instructor: Lynn Dau
Office Location: SJSU Foundry: 1036 South 5th Street
Telephone: 650-799-8405
Email: Lynn.dau@sjsu.edu
Office Hours: Wednesday 11:50 – 12:50 pm or by appointment
Class Days/Time: Monday and Wednesday 9:00 – 11:50 am
Classroom: SJSU Foundry: 1036 South 5th Street
Prerequisites: Art 13, 3D Concepts or instructor permission

Course Description
Introduction to core sculptural media: woodworking, welding, mold-making, metal-casting and working with found objects. Emphasis on concept development and critical thinking. This lower division undergraduate course is designed to broaden your skill set with regard to object making. The course will focus on the aesthetic elements of creative objects while at the same time focusing on the conceptual development underlying the creative process. This class is a lot of work, but it will also be a lot of fun. By the end of it you will have a greater knowledge about sculpture making materials and construction techniques and you will also know how to speak about, analyze, critique, and create three-dimensional art.

Course Format
This is a hands-on shop intensive studio class. Three units

Course communications
Access to your grades, as well as copies of course materials such as the syllabus, assignments, handouts, notifications etc. will be made available through the SJSU Canvas system (on Canvas Learning Management System course login website at http://sjsu.instructure.com. You are responsible for regularly checking with the messaging system through MySJSU on Spartan App Portal http://one.sjsu.edu. I communicate regularly through both Canvas and email, you are responsible for checking your email regularly. All written assignments are to be submitted electronically through Canvas. Course materials may also be provided via Google Drive.

Course Learning Outcomes (CLO)
Upon successful completion of this course, students will be able to:
CLO1 - Practice and refine new sculpture making techniques that include the development of 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,

CLO2 – Develop, refine and sharpen the craftsmanship essential to being a practicing artist

CLO3 – Design objects with the capacities and qualities of a given material in mind, allowing these to influence the form of each object and identify different ways of presenting and installing your work,

CLO4 - Fabricate objects using a wide variety of power tools and hand tools and execute a variety of basic woodworking, metalworking, and moldmaking techniques to support your artwork ideas,

CLO5 – Utilize a vocabulary that allows for discussing, analyzing, and understanding art,

CLO6 – Apply and express personal, social, and political concerns in their artwork,

CLO7 - Design, execute, and record serious “portfolio” quality works of art,

CLO8 - Think of concept as a medium, just like wood or clay,

CLO9 – Express critical thinking about artwork both orally and in written form.

Required Texts/Readings

There is no required text for this class. All assigned reading will be provided via Canvas.

Other Recommended Readings

- Any newspaper or new magazine or listen to NPR or some other new source. It is important to know what is going on in your neighborhood and the world. An artist that only knows about art is likely to be a boring artist.
- Any art magazine or periodical, even if you are just looking at the pictures, you should have a sense of what type of work is being made out there.

Library Liaison

Gareth Scott, gareth.scott@sjsu.edu
Phone: 408-808-2094
Dr. Martin Luther King, Jr. Library
4th Floor Administration offices

Required Materials

Most materials will be provided. You will need to supply your own sketchbook (art journal) at 8” x 10” and you might want to invest in some of your own personal protective equipment. You may need to purchase additional materials, but I will do my best to keep costs down. Expect to spend no more than $75.00 (remember there is no textbook).

Course Requirements and Assignments

Presentation 1: Biographical Object: CLO 5, 8, 9 due 2/4
Exercise 1: Brass Brazing: CLO 1, 2, 3, 4 – due 2/11
Exercise 2: Steel Fabrication: CLO 1, 2, 3, 4 – due 2/27
Exercise 3: Wood Fabrication: CLO 1, 2, 3, 4 – due 3/20
Presentation II: Introduce a Sculptor: CLO 5, 8, 9 – due 4/8
Major Project 1: Mix it up (mixed media sculpture): CLO 1, 2, 3, 4, 5, 6, 7, 8, 9 – due 4/22
Major Project 2: Wrap it up (found object assemblage): CLO 1, 2, 3, 4, 5, 6, 7, 8, 9 – due 5/13
All extra credit due by 5/13

Extra credit opportunities:
Attend ATC presentations on Tuesday 4/23 MLK Library room 225, 9:00 AM to 12:30 PM
Attend Tuesday night lectures
Attend Tuesday night student gallery openings
Submitting extra projects

Your final grade will be assessed as follows:

Presentation 1 - Biographical Object presentation: 5%
Exercise 1 – Brass Brazing 5%
Exercise 2 – Steel Fabrication 10%
Exercise 3 – Wood Working 10%
Major Project 1: 25%
Major Project 2: 20%
Presentation 2 - Introduce a Sculptor – presentation and paper: 10%
Participation 15%

Extra Credit:
Extra Credit is only available if all other class assignments are completed and requirements met.
- ATC extra credit 2 points: Attend ATC presentations on Monday 4/22 9:00 AM to 1:15 PM or Tuesday 4/23, 9:00 AM to 12:30 PM in the MLK Library room 225.
- Attend Tuesday night lecture(s) room 133 5:00 – 6:00, 1 point
- Tuesday night gallery openings 6:00 – 7:30, .5 points
- Extra Projects: up to 5 points

“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 three hours per unit per week) for instruction, preparation/studying, or course related activities, including but not limited to internships, labs, and clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus.”

Final Examination or Evaluation
Critique of the final project will begin on the last meeting of class and any remaining projects will be critiqued during the time allotted for our scheduled final exam (see schedule below). The final exam period will also include a thorough facility clean up. Attendance at the scheduled final is mandatory.

Grading Information
Each assignment posted on Canvas includes a grading rubric specific to that assignment. Generally, I expect a high degree of commitment to this class. Your persistence, imagination, and level of involvement in solving visual problems determines 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, preliminary sketches and models) and your success in executing these ideas (problem solving, craftsmanship, attention to detail, and presentation). Lack of time is not an excuse for poor performance. The foundry employs a volunteer system that keeps the facility open.
outside of class hours usually from 9:00 a.m. to 9:00 p.m. Monday through Friday. If another class is in session you must have that instructor’s permission to work in the facility during that time. You will be expected to be working at least as many hours outside of the class as you do during the scheduled class time. Successful projects will be the culmination of hard work, effort, thought, experimentation, creativity, and perseverance. The amount of time and thought you put into your work will be evident at critique.

Grade Scale:

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

Late work

I will accept late work, but late work will drop a full letter grade each week it is late. You will miss out on the very valuable analysis and feedback of the instructor and your learned classmates at critique. If you have a special circumstance, please make sure you call or email me before the class period in which the project is due. Communication is key, and I understand that life is sometimes unbending, and we will work together to find an appropriate solution. It is better to attend critique with unfinished work than to skip it. If you attend critique and present your work and it is not finished, you may resubmit an improved project up until the last regular meeting of class for a better grade. In order to receive a better grade for resubmitted work the work must be further refined or improved by additional effort taking into consideration the comments made during critique.

Classroom Protocol

● Attendance: This is a fast paced studio class with many tool, technique, and equipment demonstrations. It is imperative that you attend every class. There are many pieces of equipment that you must be cleared by the instructor to use – that means being present for the basic use and safety demonstrations. Too many unexcused absences or tardies may negatively impact your grade because you are likely to miss crucial information.

● Missed demonstrations: It is up to you to make arrangements with the instructor to make up missed demonstrations.

● Proper Attire: This is a shop facility and for your safety you must dress appropriately in order to work here. Appropriate means: long natural fiber pants (no matter how hot it is in here), close toed (natural fiber) shoes (this does not mean pumps or high heels), and no loose or dangling clothing. Long hair must be securely tied back.

● Electronic devices: No electronics are to be used during class unless they are used as research tools for the assigned projects. Turn cell phones to silent when you get to class. Unless it is an emergency, or you
are looking up relevant information regarding course materials or research for you project, there will be no cell phone usage tolerated during class time.

- **Clean up:** Clean up begins 10 minutes before class ends. ALL areas that you have used must be cleaned before you leave the foundry. This is a shared space be considerate of others. An additional and mandatory facility wide cleanup will take place on the date scheduled for our final exam.
- **Artistic Integrity:** 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, but you may not copy someone else’s idea or concept.
- **Material Safety Data Sheets:** Forms called MSDS sheets are required for all potentially hazardous materials and are to be supplied to the department by students bringing hazardous materials into the building. They are available from the vendor (store) where the material was purchased or online from the product’s website, and are required to be on file with the department before materials can be used in any department facility including the foundry. Potentially hazardous materials could include spray paints, adhesives, epoxy resins, etc. Students are required to supply MSDS sheets to the department whenever bringing hazardous materials into the facility.
- **Shop Safety:** Students who use the shop facilities will be required to take the Shop Safety Test before they can use the facility. There will be a lecture on basic safety followed by a test. This test is for basic safety only, it does not qualify you to use any of the machines or equipment in the shop. Each student must attend the demonstration and be qualified by the instructor, shop technician, or TA in order to use the shop machines and equipment.

**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/](http://www.sjsu.edu/art/) or the Art & Art History department office in ART 116, 408-924-4320, [art@sjsu.edu](mailto:art@sjsu.edu)

**University Policies (Required)**
Per University Policy S16-9 ([http://www.sjsu.edu senate/docs/S16-9.pdf](http://www.sjsu.edu senate/docs/S16-9.pdf)), relevant information to all courses, such as academic integrity, accommodations, dropping and adding, consent for recording of class, etc. is 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/’](http://www.sjsu.edu/gup/syllabusinfo/) Make sure to review these university policies and resources with students.
### Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topics, Readings, Assignments, Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>M 1/28</td>
<td>Syllabus review, meet and greet, shop tour. Introduction of Autobiographical Object assignment. <strong>Bring: your autobiographical object to class Monday 2/4.</strong> <strong>Homework:</strong> Purchase a sketch book at least 8” x 10” and bring to every class.</td>
</tr>
<tr>
<td>1</td>
<td>W 1/30</td>
<td>Shop safety tour and shop test – <strong>REQUIRED TO WORK AT THE FOUNDRY!</strong> Introduce Get to Know a Sculptor (research paper).</td>
</tr>
<tr>
<td>2</td>
<td>M 2/4</td>
<td><strong>Autobiographical object and presentations due.</strong> Introduce Project 1: Mix it Up (mixed media) Demo Exercise 1: Brass brazing and wire techniques - give it a try.</td>
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<tr>
<td>2</td>
<td>W 2/6</td>
<td>Work day: Exercise 1 - brazing.</td>
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<tr>
<td>3</td>
<td>M 2/11</td>
<td>Exercise 1: SHOW AND TELL. Start steel fabrication demos including: slip roller, break, jump shear, plasma cutter, m.i.g. welding and porta-band.</td>
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<tr>
<td>3</td>
<td>W 2/13</td>
<td>Continue steel fabrication demos including: sanders, electric shear, nibbler, drill press, right-angle grinder, pneumatic tools.</td>
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<tr>
<td>4</td>
<td>M 2/18</td>
<td>Continue demos and start working on Exercise 2: steel fabrication</td>
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<tr>
<td>4</td>
<td>W 2/20</td>
<td>Work day: Exercise 2 - steel fabrication</td>
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<tr>
<td>5</td>
<td>M 2/25</td>
<td>Work day: Exercise 2 - steel fabrication</td>
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<tr>
<td>5</td>
<td>W 2/27</td>
<td>Exercise 2 – steel fabrication SHOW AND TELL last half of class.</td>
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<tr>
<td>6</td>
<td>M ¾</td>
<td>Begin demos for Exercise 3 – wood lamination, panel saw, table saw, band saw, angle grinder, pneumatic tools, hand sanding, hand files and gluing.</td>
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<tr>
<td>6</td>
<td>W 3/6</td>
<td>Continue demos and start working on Exercise 3 – wood</td>
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<tr>
<td>7</td>
<td>M 3/11</td>
<td>Work day: Exercise 3 – wood</td>
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<tr>
<td>7</td>
<td>W 3/13</td>
<td>Work day: Exercise 3 – wood. <strong>Homework:</strong> start developing ideas for Project 1, bring sketchbook/journal with documentation of at least 5 ideas 3/20.</td>
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<tr>
<td>8</td>
<td>M 3/18</td>
<td>Work day: Exercise 3 – wood</td>
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<td>8</td>
<td>W 3/20</td>
<td>Exercise 3 – SHOW AND TELL Class discussion of Project 1 concepts.</td>
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<td>9</td>
<td>W 3/27</td>
<td>Work day: Project 1 – Mix it up.</td>
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<tr>
<td>10</td>
<td>M 4/1</td>
<td><strong>SPRING BREAK – NO SCHOOL</strong></td>
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<tr>
<td>10</td>
<td>W 4/3</td>
<td><strong>SPRING BREAK – NO SCHOOL</strong></td>
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<tr>
<td>Date</td>
<td>Day</td>
<td>Event</td>
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<tr>
<td>11</td>
<td>M 4/8</td>
<td>Introduce a Sculptor presentations and paper due. Submit paper via Canvas by 11:59 p.m.</td>
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<td>11</td>
<td>W 4/10</td>
<td>Work day: Project 1 – Mix it up</td>
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<td>12</td>
<td>M 4/15</td>
<td>Work day: Project 1 – Mix it up</td>
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<tr>
<td>12</td>
<td>W 4/17</td>
<td>Work day: Project 1 – Mix it up</td>
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<tr>
<td>13</td>
<td>M 4/22</td>
<td>Project 1: Mix It Up - CRITIQUE AND POTLUCK Introduce Project 2 – Wrap it Up - work day. Homework: bring in documentation and materials. ATC presentations MLK library room 225 9:00-1:15</td>
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<td>4/23</td>
<td>ATC presentations MLK library room 225 9:00-12:30</td>
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<td>13</td>
<td>W 4/24</td>
<td>Discuss ideas and maquettes for Project 2. Work day</td>
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<tr>
<td>14</td>
<td>M 4/29</td>
<td>Work day: Project 2</td>
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<tr>
<td>14</td>
<td>W 5/1</td>
<td>Work day: Project 2</td>
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<tr>
<td>15</td>
<td>M 5/6</td>
<td>Work day: Project 2</td>
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<tr>
<td>15</td>
<td>W 5/8</td>
<td>Work day: Project 2 – Wrap It Up</td>
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<tr>
<td>16</td>
<td>M 5/13</td>
<td>Critique Project 2: Wrap It Up. LAST DAY OF INSTRUCTION – all extra credit due</td>
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<td>Final Exam Thursday May 16</td>
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<td>Foundry at 7:15 – 9:30 pm</td>
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<td></td>
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<td>Finish critiques and facility clean-up – <strong>attendance mandatory</strong></td>
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