

Three Dimensional Design

Art 5 **John Watrous, Instructor**
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About the Class

In this course we are dealing with actual three dimensional space, not the illusion of space which painters and photographers use, but the stuff of Architects, Sculptors, Interior Designers, Package Designers and Product Designers. We will solve specific problems using a variety of materials beginning with paper, cardboard, leading us into the shop later to use more permanent materials.

This course is accepted by the School of Architecture, University of California at Berkeley among other schools, as a basic introduction to three dimensional problem solving, and is therefore an academically challenging course.

No background is required for this course. It is my experience that anyone can do well in the course who attends regularly and makes an attempt to solve the problems within the given guidelines.

It will be important for me to constantly reiterate to you during each project that there is no, single correct answer. Neither is the completion of a single goal the point of the class. But rather the PROCESS of creative thought and PROBLEM SOLVING itself is the goal. Taken to the logical extreme this will mean that finishing projects is not as important as starting new, unique ones which show me you are flexible enough to listen to your insights as you work, altering your original ideas with time, and above all, paying attention to what you see happen before you with the materials.

Materials List

1. Sketch book for keeping visual notes (have it with you every day)
2. No. 2 pencils (have one with you every day)
3. Mat Knife
4. Scissors
5. 18 inch (min) metal ruler/straight edge
6. Pliers (Calder always carried some with him, like a sketchbook)
7. Wire, roll, 18 guage (or 19 is OK too)
- 8.. magic mending tape, 3/4" wide AND masking tape, 1" wide
9. Glue sticks, UHU is best, dozen min.
10. Hot Glue sticks, 50 each—Walmart has the best price
11. White glue or yellow, carpenter's glue
12. Compass
13. 4 each, 1/2 gallon milk cartons
14. Found, scrap cardboard, 18" square, minimum, double sided
15. Sharpie, twin tip, perm. black marker, or equivalent