

THREE-DIMENSIONAL DESIGN II

5.12.2017

WITH STUDENT LEARNING OUTCOMES

Three-Dimensional Design II (FN142, 3 credits)

Course Description:

In this course, students apply the language of three-dimensional visual organization studied in Three-Dimensional Design I to investigate the relationship between materials, manipulation, and ideas. Creative solutions are encouraged through rigorous and innovative projects continuing to utilize modeling and constructing techniques, as well as being introduced to proper use of machine tools and carving. Students are encouraged to learn independently while exploring projects from research to development to completion. Excellence in both concept and execution is encouraged in each assignment through critical analysis and quantitative literacy.

Prerequisite: None

Students will:

1. Expand upon design elements introduced in Three-Dimensional Design I and visually organize works through investigation of formal elements. (PC 1, 3)
2. Employ careful, clean craftsmanship, technical facility, and clear presentation while building upon techniques from Three-Dimensional Design I, and through the introduction of carving and the use of machine tools. (PC 2)
3. Demonstrate the ability to communicate using the terminology of art and design as well as through the analysis of work from contemporary and historical artists. (PC 1)
4. Create work that demonstrates creative problem solving, critical thinking, and the knowledge of how three-dimensional design elements can be used for personal expression. (PC 3)

Required Texts: There is no required text for this course.

Supplementary Readings: Supplementary readings as required by assignment will be listed with each project assignment, and will be on reserve in the Library.

- Carl Gustav Jung, *Man and His Symbols*. Dell Publishing August 15, 1968.
ISBN: 0440351839 (\$7.19)
- Herbert Read, *Modern Sculpture: A Concise History (World of Art)* Thames & Hudson
February 17, 1985 ISBN: 0500200149 (\$16.10)
- Karen Wilken, *David Smith (Modern Masters Series)* Abbeville Press April 1, 1984
ISBN: 1558592563 (\$19.26)
- Wucius Wong, *Principles of Two Dimensional Design* Wiley Publishing 1st edition December
15, 1972 ISBN: 0471289604 (\$35.24)
- Le Corbusier, *Towards a New Architecture* Dover Publications February 1, 1985
ISBN: 0486250237 (\$9.78)
- Roger Shattuck, *The Banquet Years: The Origins of the Avant-Garde in France - 1885 to World
War I* Vintage Books/Random House; Revised edition June 12, 1968
ISBN: 0394704150 (\$11.85)

- Rollo May, *The Courage to Create* W. W. Norton & Company March 17, 1994
ISBN: 0393311066 (\$11.76)
- Rudolf Arnheim, *Visual Thinking* University of California Press; First Edition, Thirty-Fifth Anniversary Printing Edition April 16, 2004
ISBN: 0520242262 (\$22.01)
- Stephen Luecking, *Principles of Three-Dimensional Design: Objects, Space and Meaning* Pearson, 1st Edition January 12th, 2002
ISBN: 0130959758 (\$85.31)

Supplies: Certain items listed below are in the Freshman Supply Kit for approximately \$675.00, and other supplies are provided by the Department at a lab fee cost of \$140.00 per student. Some assignments will require additional supplies per assignment at an approximate cost of \$30.

- Xacto knife
- Pencil/paper for sketches
- Scissors
- Ruler
- Glue

Supplemental Supplies: There are no supplemental supplies for this course.