

Art 102 / 3D Design.

Spring, 2018

JinMan Jo, Associate Professor

Tuesday/Thursday, 11:00AM-1:30PM

Office Hours: 1:30-2:30PM, T/TH or by Appointment. (NFAC 222)

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COURSE OBJECTIVES

This foundation design course is an exploration into the basic principles and vocabulary of visual organization in three dimensions. The intent is to develop an understanding of form in space and ways to manipulate it. Both a visual and verbal vocabulary will expand as a result of this exploration.

PROCEDURE

Students will be given course assignments that will require three dimensional solutions incorporating various design elements. There will be introductions to class projects, demonstrations, slide presentations, review of sketches and ideas, discussions and critiques. However, most of the class time will be used for completion of group and individual projects.

It is important that students arrive in class promptly so they do not miss relevant information.

OBJECTIVES

--Students will complete this class with a good understanding of the elements of design (line, shape/form, mass, volume, space, value, color, texture, time/motion) and how they relate to three dimensional artwork.

--Also, there will be a good understanding of the principles of art (unity, harmony, variety, repetition, rhythm, emphasis, economy, scale, proportion, balance, etc.) as they relate to three dimensional work.

--Through lectures, slides, museum visits, class discussions and critiques students will develop a vocabulary specific to three dimensional artwork (full round, subtractive and additive processes, installation, etc.).

--Students will be given six assignments designed to develop their problem solving skills.

--Students will develop critical thinking skills through a variety of critiques and discussions.

LAB FEE

\$65. Pays for some materials, woodshop equipments and maintenance.

EVALUATION

There are 1000 points possible for the class.

- 1) Individual projects will count for 500 points of your grade. There are five individual projects that count for 100 points each.
- 2) Group projects count for 100 points. There is one group project.
- 3) Preliminary sketches, models, and written paragraphs will count for 200 points.
- 4) Participation in discussions and critiques will count for 100 points.
- 5) A quiz over the terms will count for 100 points.

The grading scale is as follows:

A	92-100	C+	78-79	F	59 and under
A-	90-91	C	72-77		
B+	88-89	C-	70-71		
B	82-87	D+	68-69		
B-	80-81	D	60-67		

You are expected to attend each class. Three unexcused absences are allowed. Each additional absence will result in a loss of 5% of the total possible grade.

Late work will be marked down by 10% of the total project grade per class period late.

It is important that projects be completed on time so that they are available for group review.

University policy requires that incomplete grades be assigned only in cases of documentable medical problems or other emergencies that prevent a student from completing course requirements; they are not, under any circumstances, available to prevent assignment of an unsatisfactory course grade due to poor performance.

MATERIALS

The basic materials that students will need to acquire include a sketchbook (11"x 14"), pencils, corrugated cardboard, x-acto knife, utility knife, metal ruler, and wood glue. You may wish to purchase a mini glue gun and needle-nosed pliers. Each student is required to assemble the other materials needed for specific projects during the course of this class. These should be assembled on a project-by-project basis depending on a student's creative solution to a problem.

SUGGESTED BIBLIOGRAPHY

Jonathan Block and Jerry Leisure. *Understanding Three Dimensions*. Englewood Cliffs, New Jersey: Prentice Hall, 1987.

David Lauer and Stephan Pentak. *Design Basics*. Orlando, FL: Harcourt Brace & Company, 2000.

Stewart, Mary. *Launching the Imagination*. New York, NY: McGraw Hill, 2002.

Wucius Wong. *Principles of Three Dimensional Design*. New York, New York: Van Nostrand Reinhold Company Inc., 1977.

Paul Zelanski and Mary Pat Fisher. *Shaping Space: The Dynamics of Three-Dimensional Design*. Orlando, Florida: Harcourt Brace & Company, 1995.

In cooperation with the Disability Resource Center, reasonable accommodation will be provided for students with disabilities. **Please meet with the instructor in the first week to make necessary arrangements.**

3-D DESIGN SPRING COURSE OUTLINE

This course has been designed for approximately twenty-eight class sessions. There are no classes on March 27 & 29 (Spring Break). The following schedule is tentative and may be altered to better suit the needs of the class.

Tuesday, January 23	Introduction to course. Design theory presentation Group project 1 (bridge)--present, construct, Work in class on Group project 1
Thursday, January 25	Present individual project 1 (wire) Preliminary sketches due for individual project 1 Work in class on individual project 1
Tuesday, January 30	Work in class on individual project 1
Thursday, February 1	Work in class on individual project 1
Tuesday, February 6	Work in class on individual project 1
Thursday, February 8	Work in class on individual project 1
Tuesday, February 13	Individual project 1 due with paragraph Critique individual project
Thursday, February 15	Present individual project 2 (modular) Shop walk-through in wood shop/band saw and others demo.
Tuesday, February 20	Preliminary sketches and model due for individual project 2 Work day in class on individual project 2
Thursday, February 22	Work day in class on individual project 2
Tuesday, February 27	Work day in class on individual project 2
Thursday, March 1	Work day in class on individual project 2
Tuesday, March 6	Critique individual project 2 with paragraph Individual project 2 due
Thursday, March 8	Present individual project 3 (planar head) Preliminary sketches and model due for individual project 3. Work day in class on individual project 3
Tuesday, March 13	Work day in class on individual project 3
Thursday, March 15	Work day in class on individual project 3

Tuesday, March 21	Work day in class on individual project 3
Thursday, March 22	Individual project 3 due with paragraph Critique individual project 3
Tuesday, March 27	No Class (Spring Break)
Thursday, March 29	No Class (Spring Break)
Tuesday, April 3	Present individual project 4 (Chair) Preliminary sketches and model due for individual project 4 Work day in class on individual project 4
Thursday, April 5	Work day in class on individual project 4
Tuesday, April 10	Work day in class on individual project 4
Thursday, April 12	Work day in class on individual project 4
Tuesday, April 17	Work day in class on individual project 4
Thursday, April 19	Individual project 4 due with paragraph Critique individual project 4
Tuesday, April 24	Present individual project 5(confined space) Work in class on individual project 5
Thursday, April 26	Preliminary sketches due for individual project 5 Work day in class on individual project 5
Tuesday, May 1	Work day in class on individual project 5
Thursday, May 3	Work day in class on individual project 5
Tuesday, May 8	Work day in class on individual project 5
Thursday, May 10	Individual project 5 due with paragraph Critique individual project 5 Pick up all projects/clean room 3D studio and woodshop
Monday, May 14 (12:30-2:30 PM)	Quiz over terms. <u>MANDATORY CLEAN UP</u>