

**ART STUDIO 104
3-DIMENSIONAL DESIGN I**

BULLETIN INFORMATION

ARTS 104: 3-Dimensional Design I (3 credit hours)

Course Description:

Introduction to visual thinking and principles of three-dimensional design

SAMPLE COURSE OVERVIEW

ARTS 104, Three Dimensional Design I, specializes in the basics of visual communication through the introduction of 3-D design elements and principles. ARTS 104 will introduce basic, visual art vocabulary and cover essential three-dimensional design concepts. Throughout the semester, students will develop creative problem-solving skills, and they will learn basic visual language, develop their artistic expression, and acquire hands on technical craftsmanship skills. Students will interpret form, space, mass and shape into unique three-dimensional sculpture projects. Students will explore the fundamental aesthetic relationships between form and space. ARTS 104 will focus on developing conceptual and process-based problem solving skills and interpretive skills. Upon completion of this course, students will be able to create unique works of three-dimensional art.

ITEMIZED LEARNING OUTCOMES

Upon successful completion of ARTS 104, students will be able to:

1. Define and effectively manipulate the elements and principles of 3D design to create sculptural compositions.
2. Demonstrate visual creativity.
3. Create four hands-on unique projects that are crafted well and structurally sound through the sculptural use of wire, hard board, wood, and clay.
4. Properly use the tools available in our workshop: band saws, drill press, sanders, lathe, and basic hand tools.
5. Demonstrate understanding of basic and essential artistic vocabulary.
6. Apply basic critique strategies.
7. Collaborate with classmates to share ideas in the development of each other's work.
8. Demonstrate professional behavior.

SAMPLE REQUIRED TEXTS/SUGGESTED READINGS/MATERIALS

1. *Launching the Imagination*, Third Edition, Mary Stewart, McGraw Hill, 2003.
2. DRESS CODE:
 - a. When you dress to come to this class, dress to get dirty. We will be using various construction methods that create dust and dirt. Be prepared to get grubby. If you are planning to attend a formal social event or need to look nice right after class, a

change of clothes may be kept in your locker, and/or you may want to wear a shop apron. **IMPORTANT NOTE:** Department of Art shop rules mandate that you wear closed toe shoes while working in the shop. No sandals, no bare feet, **NO EXCEPTIONS.** If you have long hair please keep it tied back in a ponytail so that it can't be caught in any of our machinery. Also, before class remove any jewelry that may get in your way.

3. BASIC COURSE MATERIALS LIST:
 - a. Sketchbook
 - b. Tool box or bag
 - c. Utility or Matte knife
 - d. Sandpaper – (Mixed grit package)
 - e. Tape measure – 8 feet long
 - f. Masking tape
 - g. Wood glue
 - h. Paints and brushes as needed
 - i. Safety glasses
 - j. Hearing protection
 - k. Elmer's Wood Filler
 - l. Steel Wire
 - m. Plywood and solid stock (will be discussed)
 - n. Dust mask
 - o. Pencils and a pen
 - p. Lock for hallway locker

SAMPLE ASSIGNMENTS AND/OR EXAM

Assessment Criteria: Grades will be based on these factors.

1. Four Unique Project submissions:
 - a. Project #1, (part 1 & 2)
 - b. Project #2, (part 1 & 2)
 - c. Project #3
 - d. Project #4
2. Participation in Four Class critiques
 - a. All required projects are presented for the critique.
 - b. Articulation of pertinent course work vocabulary.
 - c. Consistent contribution to critique discussions.
3. Quizzes
 - a. Demonstrate understanding of core concepts and vocabulary by being able to successfully pass course quizzes.

SAMPLE COURSE OUTLINE WITH TIMELINE OF TOPICS, READINGS/ASSIGNMENTS, EXAMS/PROJECTS

Week 1:

1. Course introduction.

2. Assignment #1, part 1: Zoobs collaborative project- Shop Orientation – Greg Leonard, Shop and Safety Manager. Reading: chapters 1& 2.

Week 2:

1. T, Assignment #1, part 1: Zoobs collaborative project Reading: chapters 1& 2.
2. Assignment #1, part 1: Zoobs collaborative project. Reading: chapters 1& 2.

Week 3:

1. Critique: Zoobs collaborative project. Reading: chapters 6 & 7.
2. Assignment 1, part 2 Transformation assigned. Reading: chapters 6 & 7.

Week 4:

1. Assignment 1, part 2 Transformation. Reading: chapters 6 & 7.
2. Assignment 1, part 2 Transformation. Reading: chapters 6 & 7.

Week 5:

1. First Quiz, chapters 1, 2, 6, & 7. Assignment 1, part 2 Transformation. Reading chapters 9 & 10.
2. Critique, Assignment 1, part 2 Transformation. Reading: chapters 9 & 10. Assignment #2, part 1: Cube & Box.

Week 6:

1. Assignment #2, part 1: Cube & Box. Cut plywood, demo glue-up, begin box construction – Workday – ALL STUDENTS MUST HAVE THEIR MATERIALS! Reading chapters 9 & 10.
2. Assignment #2, part 1: Cube & Box. Cut plywood, demo glue-up, begin box construction – Workday – ALL STUDENTS MUST HAVE THEIR MATERIALS! Reading chapters 9 & 10.

Week 7:

1. Assignment #2, part 1: Cube & Box. Cut plywood, demo glue-up, begin box construction – Workday – ALL STUDENTS MUST HAVE THEIR MATERIALS! Reading chapters 9 & 10.
2. Critique, Assignment #2, part 1: Cube & Box. Assignment #2, part 2: The Found Object And Its Crate assigned. Reading chapters 9 & 10.

Week 8:

1. Quiz # 2, chapters 9 & 10. Assignment #2, part 2: The Found Object And Its Crate. Reading, chapter 11.
2. Assignment #2, part 2: The Found Object And Its Crate. Reading, chapter 11.

Week 9:

1. Assignment #2, part 2: The Found Object And Its Crate. Reading, chapter 11.
2. Critique, Assignment #2, part 2: The Found Object And Its Crate. Project #3: Moving Figure: Wire Figure Construction, assigned. Chapter 12.

Week 10:

1. Project #3: Moving Figure: Wire Figure Construction. Reading, chapter 12.
2. Project #3: Moving Figure: Wire Figure Construction. Reading, chapter 12.

Week 11:

1. Project #3: Moving Figure: Wire Figure Construction. Reading, chapter 12.
2. Project #3: Moving Figure: Wire Figure Construction. Reading, chapter 12.

Week 12:

1. Third Quiz, chapters 11 & 12. Critique, Project #3: Moving Figure: Wire Figure Construction.
2. Final Project assignment: 15 Cubic Feet of Space.

Week 13:

1. Final Project assignment: 15 Cubic Feet of Space.
2. Final Project assignment: 15 Cubic Feet of Space.

Week 14:

1. Final Project assignment: 15 Cubic Feet of Space.
2. Final Project assignment: 15 Cubic Feet of Space.

**FINAL EXAM: Critique, Final Project assignment: 15 Cubic Feet of Space
Date and Time according to University Schedule.**