

COURSE OUTLINE

Art 138 (C-ID Number: Arts 101) 3-D Foundations (C-ID Title: 3D Foundations)

Catalog Statement

ART 138 is an introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition, including the study of the elements and organizing principles of design as they apply to three-dimensional space and form. Students develop a visual vocabulary for creative expression through lecture presentations and use of appropriate materials for non-representational three-dimensional studio projects

Total Lecture Units: 2.5

Total Laboratory Units: 0.5

Total Course Units: 3.0

Total Lecture Hours: 40.0

Total Laboratory Hours: 24.0

Total Laboratory Hours To Be Arranged: 0.0

Total Faculty Contact Hours: 64.0

Prerequisite: None.

Course Entry Expectations

Prior to enrolling in the course, the student should be able to:

- read, write and converse in English.

Course Exit Standards

Upon successful completion of the required coursework, the student will be able to:

- identify and understand the formal elements and organizing principles of three-dimensional art;
- independently produce objects, forms, and problem-solving projects that successfully incorporate the basic elements and organizing principles of three-dimensional art;
- discuss, describe, analyze and critique three-dimensional works of art through references to the formal elements and principles of design;
- make individual aesthetic decisions and judgments related to their own design work;
- translate ideas and visual experience into tactile forms objects using both formal and conceptual approaches;
- recognize the presence of specific design elements and principles in works of art as well as in the everyday physical world around them, throughout history and across cultures;
- compose in three dimensions and work with a variety of media which may include but is not limited to clay, wood, metal, paint, plaster, paper, fibers, mixed media, and in the use of digital technology such as 3D scanners and printers in an appropriate and safe manner.

Course Content

Total Faculty Contact Hours = 64.0

Fundamental Theoretical Concepts and Terminology (4 lecture hours, 3 lab hours)

Line
Shape
Form
Space
value
Texture
Color

Organizing Principles of Three-Dimensional Design (4 lecture hours, 3 lab hours)

Balance
Proportion
Repetition Variety
Scale
Emphasis

Problem Solving Visual Exercises (4 lecture hours, 3 lab hours)

Three-dimensional awareness
Manipulation of the basic three-dimensional elements

Dynamic Relationships of Three-Dimensional Elements and Organizing Principles (4 lecture hours, 3 lab hours)

Three-Dimensional Materials and Techniques (4 lecture hours, 2 lab hours)

Translation of Ideas or Visual Experience into Tactile Forms (4 lecture hours, 2 lab hours)

Formal Approaches
Conceptual approaches

Evaluation and Critique of Historical Design (4 lecture hours, 2 lab hours)

Cultural examples
Examples from historical periods
aesthetic sensibilities

Written assignments and/or exams in which students must clearly articulate comprehension of the basic elements and principles of three-dimensional design **(4 lecture hours, 2 lab hours)**

Critical Evaluation of Three-Dimensional Works (4 lecture hours, 2 lab hours)

formal elements
principles of design

Contemporary Trends (4 lecture hours, 2 lab hours)

Materials
Approaches in three-dimensional design

Methods of Instruction

The following methods of instruction may be used in this course:

- lectures;
- material demonstrations;
- slide shows and video presentations;
- individual consultations and group critiques;
- supervised studio practice.

Out of Class Assignments

The following out of class assignments may be used in this course:

- projects (e.g. execute independent original artworks).

Methods of Evaluation

The following methods of evaluation may be used in this course:

- studio projects;
- portfolio review;
- oral presentations;
- examinations;
- slide identification;
- written exercises;
- final examination.

Textbooks

Ocvirk, Otto G. *Art Fundamentals: Theory and Practice*. New York: McGraw-Hill, 2013. Print.
12th Grade Textbook Reading Level. ISBN13: 978-0073379272

Zelanski, Paul, and Mary Pat Fisher. *Shaping Space: The Dynamics of Three Dimensional Design*. Australia: Thomson Wadsworth, 2007. Print.
12th Grade Textbook Reading Level. ISBN13: 978-0534613938

Stewart, Mary. *Launching the Imagination: A Comprehensive Guide to Basic Design*.
New York: McGraw-Hill, 2012. Print.
12th Grade Textbook Reading Level. ISBN-13: 978-0073379241

Student Learning Outcomes

Upon successful completion of the required coursework, the student will be able to:

- define intermediate drawing terms;
- produce an original exhibition-quality drawing;
- produce a written analysis of a contemporary fine artist or exhibition.