Northwest Arkansas Community College
(Communication and Arts Division)

Discipline Code
ART

Course Number
1323

Course Title
3D Design

Catalog Description
Studio projects offer an opportunity to work in three-dimensional forms, using paper, wire, plaster, wood or clay.

Prerequisites
None

Credit Hours
3 credit hours

Contact Hours
30 lecture contact hours; 60 lab contact hours

Load Hours
4.67 load hours

Semesters Offered
Fall and Spring

ACTS Equivalent
N/A

Grade Mode
A-F

Learning Outcomes
Students completing this course will:

- Apply elements of art and principles of design to three-dimensional design projects.
- Demonstrate different modes of creativity through material, form, technique and display location.

- Create effective technical drawings with measurements accurate to within 1/16".
- Effectively use research to expand idea generation.
- Apply a comprehensive approach using Design Thinking to the design process.
- Demonstrate understanding of the object/body in space.
- Build safely and with appropriate tools.
- Articulate effectively, through critique and evaluation, both orally and written.
- Demonstrate ability to document work.
- Demonstrate understanding of material culture and using material conceptually.
- Achieve sustainable art practice and/or continued education.

General Education Outcomes Supported
- Students develop higher order thinking skills.
- Students can develop effective oral communication skills.
- Students demonstrate information literacy.
- Students can achieve mathematical literacy

Standard Practices
Topics List

Subjects will be chosen from (but not limited to) the following:
- 3D Line
- Technical drawing
- Fabrication with planes
- Material as concept
- Working from observation
- Free writing
- Design Thinking as part of the Integrated Design Certificate

Learning Activities

- Sketchbook drawing
- In-class tool training for safety and proficiency
- Small in-class projects to build familiarity of new processes
- Multi-week projects applying learned processes working both in and outside of class time.
- Critiques

Assessments

- Each of the three major projects will be individually graded.
- The semester-long sketchbook assignment will be graded weekly

Grading guidelines

- A minimum of 70% of this course's grade should be in-class design projects with some variation allowed in terms of weight for sketchbook and critiques.

Revision Date September 18, 2020