

**ARTS 1312**  
**Three-Dimensional Design**

**Western Texas College**

Course Description: An introduction to the fundamental terminology, concepts, theory, and application of three-dimensional design.

Any required prerequisites: no

- I. Student Learning Outcomes Upon successful completion of this course, students will:
  - A. Identify and apply the elements of art and principles of three-dimensional design.
  - B. Employ discipline specific vocabulary in the evaluation of three-dimensional design problems.
  - C. Demonstrate creative skill in aesthetic problem solving within assigned parameters.
  - D. Demonstrate an appropriate level of professional practice, including safety, craft and presentation
- II. Major Course Requirements
  - A. Major Requirement 1: Satisfactorily complete all assigned preparatory work and research (30% of final grade).
  - B. Major Requirement 2: Complete all assignments staying within specific parameters and submit within the deadlines (60% of final grade).
  - C. Major Requirement 3: Participate in class discussions and critiques and course portfolio (10% of final grade).
- III. Books and Course Materials
  - A. Required Books: No Textbook is required for this course.
  - B. Required Materials: Required Materials are listed in the first day hand out.
- IV. Other Policies, Procedures and important dates. Please refer to the [WTC Catalog](#) for the following:
  - A. Campus Calendar
  - B. Final Exam Schedule
  - C. How to drop a class
  - D. Withdrawal information
  - E. Student Conduct/ Academic Integrity
  - F. Student with disabilities
- V. Weekly Calendar

WEEK 1	Intro/ Syllabus/ supplies Exercise: MacGyver Sculpture
WEEK 2	Exercise: Material Challenge SB #1: Paper structure ideas
WEEK 3	Project 1: Paper structure design

WEEK 4	Complete Project 1 SB #2: Cup sculpture idea development
WEEK 5	Project 2: Cup Sculpture
WEEK 6	Continue Project 2
WEEK 7	Complete Project 2
WEEK 8	Exercise practice: Sketchup SB #3: 3D printing
WEEK 9	Project 3: 3D print- Digital creation
WEEK 10	3D print- Digital creation
WEEK 11	Print sculptures SB #4- Body Cast- figure sculpture
WEEK 12	Project 4: 3D printer- Word Illustration
WEEK 13	Word Illustration
WEEK 14	Finish Word Illustration
WEEK 15	Complete Project 4 Document work
WEEK 16	Final Critique Portfolio Due

*Disclaimer: Schedule and content is subject to change at the instructor's discretion.*

Last Modified/Reviewed: March 1, 2019