

3D CONCEPTS – ART FUNDAMENTALS SCULPTURE

ART 2701C 3D Concepts: Form and Space, Materiality/Sculpture

3D Concepts is a required course to be taken by all SAAH students in their first year of study. The course investigates the co-shaping of form and space in all three dimensions. It serves as an introduction to three-dimensional form and design concepts using a variety of sculptural materials, processes, and tools. The project investigate three dimensions and visual dynamics in three dimensions including a study of form, space, color and light, texture, composition, and structure. Elementary technical skills are introduced including an introduction to materials; use of hand tools and a variety of joining techniques support the development of an understanding of 3D fundamentals. In addition, students strive to develop critical thinking and research skills.

OBJECTIVES:

- To understand and develop a working knowledge of 3D design concepts
- To effectively general, organize, and communicate ideas in full 3D space.
- To explore form, the meaning of structure, spatial design, surface, color and light, proportion and composition, function, and content.
- Increased knowledge of technical skills, processes and materials relating to three-dimensional space.
- To develop critical thinking and research skills

TOPICS:

- Line and plane
 - Composites
 - Connectors
- Volume and Mass
- Structure
- Balance
- Meaning of structure, form, and function
- Space
 - Intervention (exterior relationships)
 - Interiority
- The Surface
 - Color
 - Light
 - Texture
- Materiality
- Composition and Proportion
- Scale
- Model building for preliminary ideation

REQUIRED TEXTS:

- Launching the Imagination: Comprehensive (2D, 3D, and 4D) with CD-ROM, by Mary Stewart
- Understanding Three Dimensions, authors Block and Leisure. Prentice Hall Publishers. ISBN 0-13-937202-4