

**Number & Title of Course:**

ARCH 2050 Design II – Foundation Studio, 4 credits

**Course Description:**

A continuing study of design methodology as applicable to the design of simple structures. Emphasis on tectonics, as well as the nature of materials and the site. Further development of sketching, graphic and modeling skills as students learn to understand, interpret, and represent spaces and receive further training in presentation skills.

**Course Goals:**

- To emphasize the application of fundamental design principles of building conceptualization, planning and design as considered through a small to intermediate structure.
- Begin an exploration of the relationship of the site and relevant context issues through the investigation of architectural form-making.
- To introduce the principles of design and planning as they relate to pragmatic responses.

**Course Objectives:**

Upon completion of the semester, students should:

- Be able to explain and apply fundamental principles of proportion and order to architectural constructs.
- Possess a basic understanding of the relationship of a structure to the landscape and the relationship between people and place.
- Demonstrate the application of architectural precedents.
- Be able to represent architectural ideas through conventional two-dimensional media, computer graphics, and both traditional and abstract modeling.

**Student Performance Criteria addressed:**

A.4 Architectural Design Skills

A.5 Ordering Systems

A.6 Use of Precedents

**Topical Outline:**

Spatial Organization (25%) Ordering Principles (25%)

Precedential Investigation (25%) Modeling & Graphic Representation (25%)

**Prerequisites:**

Enrollment in the Architecture program and the successful completion of ARCH 2000.

**Textbooks/Learning Resources:**

Francis Ching, *Architecture: Form, Space, and Order, 4th Edition*

Francis Ching, *Building Construction Illustrated, 5th Edition*

A broad assortment of pertinent graphic and textural references will be made available as handouts or posted on Blackboard as topics arise.

**Offered:**

Spring Semester, Annually

**Faculty assigned:**

Robert L. Kelly, Architect, PhD, Associate Professor of Architecture