

Course Description: Continuing study of architectural design. Projects of increased scope and complexity. Continue design process study (synthesis) and appropriate design presentation (communication). Working with impingement introduced by external agencies such as social, government, and community, as part of a larger context of planning. Study of the impact of site development, for on-site as well as external, contextual issues. Prerequisite: ARC 252. Restricted to major. Studio Fee: \$60.

Course Goals and Objectives:

Upon completion of this course, the student will:

1. Increase skills in the design process through preliminary presentation using appropriate-level architectural projects.
2. Further explore the range of owner/client/user relationships.
3. Directly build on the experiences of the previous studio with further experience in design theory, research methods, design concept, formative idea, and communication skills.
4. Demonstrate an understanding of the basic principles of ecology and the responsibilities with respect to environmental and resource conservation in architecture and urban design.
5. Demonstrate the ability to design both site and building to accommodate individuals with varying physical abilities.
6. Demonstrate the ability to respond to natural and built-site characteristics in development of a program and design of a project.
7. Incorporate the principles of sustainable design with respect to the contextual issues of climate, daylight, solar access, rain and groundwater, and vegetation in the design of a project.

NAAB Student Performance Criteria:

A.2: Design Thinking Skills **A.5:** Investigation Skills

A.6: Fundamental Design Skills **A.7:** Use of Precedents **A.8:** Ordering Systems Skills

A.10: Cultural Diversity **B.2:** Accessibility **B.3:** Sustainability **B.4:** Site Design

Topical Outline	Percentages of Time
I. Program Development	10%
A. Research	
B. Analysis	
II. Site Analysis	15%
A. Data collection	
B. Analysis	
III. Site Concept Design	35%
A. Site concept	
B. Communication of concept	

- IV. Building Concept Design 40% A.
 Concept formulation
 B. Design Process
 C. Communication of design

Prerequisites: ARC 232, ARC 252

Textbooks:

Ching, F. *Architecture: Form, Space and Order*. 2nd ed. New York: Van Nostrand Reinhold, 1996.

Clark, R., & M. Pause. *Precedents in Architecture*, 3rd ed. New York : Van Nostrand Reinhold, 2005.

Offered: Fall semester

Faculty: Brazley, Kirkpatrick, Wessel, Davey