ARC 2303, Design 2.1, 4 credits.

The studio course focuses on the development of inhabited space, including considerations of site, climate, and human comfort for simple indoor and outdoor spaces. Fundamental design skills and precedent studies are used to study basic building parts--floor, wall, and roof. Communication skills focus on the representation of architectural components.

**Course Goals & Objectives:**

To understand formal ordering systems for 2-D and 3-D design.
To introduce fundamental design principles.
To introduce communication skills, such as: drawing, sketching, model making, oral presentation, etc.
To introduce a variety of presentation techniques.
To introduce and apply ideas, theories and precedents to designing small projects.

**Student Performance Criterion/a addressed:**

**A.8 Ordering Systems Skills**  
Understanding of the fundamentals of both natural and formal ordering systems and the capacity of each to inform two- and three-dimensional design.

**Topical Outline:**

- Ordering Systems Skills 40%
- Fundamental Design Skills 25%
- Graphic Skills/Presentation Skills 25%
- Use of Precedent 10%

**Prerequisites:**

ARC 1302 Design 1.2

**Textbooks/Learning Resources:**

Ching, Francis D.K. *Architecture: Form, Space & Order*
Ching, Francis D.K. *Building Construction Illustrated*

**Offered:**

Fall only; annually

**Faculty assigned:**

Robert Goodwin (F/T)
Beth Lewis (F/T)
Gretchen Miller (Visiting)
Tim White (F/T)