

**Number & Title of Course:** ARCH 252 Architectural Design 2.2.

**Course Description:** Continuation of ARCH 251 plus the theories, concepts, processes and skills pertaining to light, construction and function as determinants that shape the built environment and support the communication of intended concepts and meanings. 5 laboratories.

**Program Goals & Course Outcomes**

- Think critically and creatively about architectural problems.
  - Ability to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test alternative outcomes (A2).
  - Ability to effectively use basic design principles in two and three dimensions (A4).
  - Ability to examine and apply the fundamental principles present in relevant precedents (A6).
- Use a diverse range of skills including writing, speaking, drawing, and modeling to think about and convey architectural ideas.
  - Ability to write and speak effectively (A1).
  - Ability to use appropriate representational media for both public and professional audiences (A1).
- Understand and apply the technical aspects of architecture, while considering the environmental impact of design decisions.
  - Ability to design sites, facilities, and systems that respond to relevant codes and regulations while reflecting life-safety and accessibility standards (B3).
  - Understanding the selection and application of building envelope systems (B7).

**Student Performance Criteria Addressed**

A1 Professional Communication Skills  
 A2 Design Thinking Skills  
 A4 Architectural Design Skills  
 A6 Architectural Precedents  
 B3 Codes and Regulations  
 B7 Building Envelope Systems and Assemblies

**Topical Outline**

Site and program analysis (15%)  
 Precedent studies (5%)  
 Design concept (40%)  
 Systems integration (15%)  
 Visual communication (20%)  
 Architectural theory (5%)

**Prerequisites:** ARCH 251 and ARCH 241. Corequisite with ARCH 242

**Textbooks/Learning Resources:** NA.

**Offered:** Winter annually.

**Faculty Assigned:** Angela Bracco (Lecturer), Kelle Brooks (Lecturer), Chandrika Jaggia (Lecturer), Gabriel Kaprielian (Lecturer), Kent Macdonald (Lecturer), Clare Olsen (Assistant Professor), Brian Osborn (Assistant Professor), Margaret Pedone (Lecturer), Meredith Sattler (Assistant Professor), Umut Toker (Associate Professor), Howard Weisenthal (Emeritus Professor), and Stacey White.