

Number & Title of Course: ARCH 242 Architectural Practice 2.2 (activity component).

Course Description: A continuation of ARCH 241 with an emphasis on the fundamental aspects of construction systems, life safety, accessibility, project delivery, and professional responsibilities. 2 lectures, 2 activities.

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).
- Understand and apply the technical aspects of architecture, considering the environmental impact of such decisions.
 - Ability to design sites, facilities, and systems that respond to relevant codes and regulations while reflecting life-safety and accessibility standards (B3).
 - Ability to make technically clear drawings, models, and outline specifications (B4).
 - Understanding the selection and application of building envelope systems (B7).
 - Understanding the selection and application of building materials and assemblies (B8).
- Engage in lifelong learning as a professional.
 - Ability to gather, assess, record, and comparatively evaluate relevant information (A3).

Student Performance Criteria Addressed

A2 Design Thinking Skills

A3 Investigative Skills

B3 Codes and Regulations

B4 Technical Documentation

B7 Building Envelope Systems and Assemblies

B8 Building Materials and Assemblies

Topical Outline: see lecture component.

Prerequisites: ARCH 241. Corequisite with ARCH 252

Textbooks/Learning Resources: see lecture component.

Offered: Winter annually.

Faculty Assigned: Angela Bracco (Lecturer), Kelle Brooks (Lecturer), Charles Dellinger (Lecturer), Chandrika Jaggia (Lecturer), Gabriel Kaprielian (Lecturer), Humberto Norman (Lecturer), Margaret Pedone (Lecturer), JoAnne Moore (Lecturer), Carmen Trudell (Assistant Professor), Barry Williams (Lecturer), and Margarida Yin (Lecturer).