

Number & Title of Course: ARCH 131 Design and Visual Communication 1.1.

Course Description: An introduction to the issues, concepts, processes and skills pertaining to two- and three-dimensional design and the freehand, constructed and digital representation and visual communication of ideas, objects and environments. 4 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 apply the fundamentals of both natural and formal ordering systems in two and three dimensions (A5).
- 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 to convey essential formal elements at each stage of the design process (A1).
- Work productively with diverse groups of people including users, clients, and professional colleagues.
 - Ability to collaborate at every stage in the design and construction process and to exercise appropriate leadership.

Student Performance Criteria Addressed

A1 Professional Communication Skills

A2 Design Thinking Skills

A4 Architectural Design Skills

A5 Ordering Systems Skills

Topical Outline

Site and program analysis (10%)

Design concept (40%)

Visual communication (40%)

Architectural theory (10%)

Prerequisites: NA. Concurrent with ARCH 101.

Textbooks/Learning Resources

Yee, Rendow. *Architectural Drawing*. Hoboken: Wiley, 2007.

Offered: Fall annually.

Faculty Assigned: Jim Bagnall (Emeritus), Angela Bracco (Lecturer), Humberto Norman (Lecturer), Ryan Brockett (Lecturer), Megan Dorrian (Lecturer), Brent Freeby (Lecturer), JoAnn Moore (Lecturer), Edmond Saliklis (ARCE Professor), Jennifer Shields (Assistant Professor), Carmen Trudell (Assistant Professor), Jermaine Washington (Lecturer), Emily White (Assistant Professor), Michael Lucas (Professor), Keith Wiley (Lecturer), and Greg Wynn (Lecturer).