

ARCHITECTURE (ARCH)

ARCH 1010 — Architecture Workshop

Credits: 3

Lecture hours: 3

Lab hours: 3

This introductory design course provides students with a foundation in the principles and classical language of architecture, emphasizing enduring precedents. Students explore order, proportion, archetypal geometry, and patterns derived from nature and the cosmos through lectures, drawing exercises, workshops, critiques, and design reviews.

ARCH 1720 — Architectural Rendering FA

Credits: 3

Lecture hours: 3

General Ed Requirement: Fine Arts

Introduces hand-drawn architectural rendering with such media as pencil and watercolor. Students learn to create accurate perspectives, elevations, plans, and sections, and translate measured drawings into three-dimensional representations. The course emphasizes architectural rendering as a professional language for communicating ideas and information to clients, colleagues, and other professionals.

ARCH 2110 — Architectural Design Studio I

Credits: 4

Lecture hours: 4

This course introduces the foundational principles of architectural design through hands-on projects in a studio environment. Students learn to observe, analyze, and organize space using architectural ideas such as proportion, hierarchy, rhythm, and scale. Emphasis is placed on process, iteration, and the relationship between form, structure, and human experience. Students communicate design intent through architectural drawings, models, and visual presentations, establishing a foundation for continued architectural study.

Prerequisites: ARCH 1010 with a minimum grade of C- and CM 1020 with a minimum grade of C-

ARCH 2210 — Architectural Design Studio II

Credits: 4

Lecture hours: 4

This course explores architectural design through the development of complete building solutions that respond to site, context, and environmental systems. Students analyze complex site elements such as topography, water features, vegetation, habitats, climate, urban fabric, and historical context to guide design decisions. Using this analysis, they develop complete residential designs, evaluate materials, and make informed design choices.

Prerequisites: ARCH 2110 with a minimum grade of C-