

Number & Title of Course:

ARCH 1000 Design Fundamentals I, 4 credits

Course Description:

This course addresses the basic graphic communications skills necessary to express architectural form using traditional hand methods. Topics include freehand, multi-view, paraline, perspective, and shade/shadow drawing.

Course Goals:

The goal of the course is to develop the student's basic graphic communication skills used in architectural graphics.

Course Objectives:

- Students will recognize and describe drawing as a tool of representation and abstraction.
- Students will explore and demonstrate architectural drawing conventions.
- Students will understand the role of drawing from observation and technical drawing.
- Students will demonstrate two- and three-dimensional compositional skills.

Student Performance Criterion addressed:

A.1 Professional Communication Skills

Topical Outline:

Graphic Representation (50%)

Accuracy (25%)

Composition (15%)

Prerequisites:

None

Textbooks/Learning Resources:

Ching, Francis D. K., *Form Space and Order*

Ching, Francis D. K. *Design Drawing*

Basic hand drawing tools, sketchbook

Offered:

Fall, Annually, Spring (with demand)

Faculty assigned:

Kirk Morphew, Professor of Architecture (Spring 2016, Fall 2016)

Josh Lyons, Adjunct Assistant Professor of Architecture (Spring 2017)

Ashley Shaver-Lyons, Adjunct Instructor of Architecture (Fall 2017)