

ARC 121: DESIGN COMMUNICATION I

4 credits

Course Description: Introduction to basic drawing and graphic modeling for interior design, architecture, and graphic communication. Instruction in two- and three-dimensional visualization of form and space. Topics: freehand drawing and drafting skills, orthographic projection, shade and shadow, paraline drawing, sketching, drawing and projection composition, and perspective geometry and projection. Restricted to major. Studio Fee: \$48.

Course Goals and Objectives:

Upon completion of this course, the student will:

1. Learn about architecture and design thought through readings, discussions, critiques, exercises, and site experiences.
2. Develop an understanding of the role of architecture within a global society.
3. Develop skills in graphic presentation composition & professional communication.
4. Develop skills in 2-dimensional & 3-dimensional communication of information.
5. Develop freehand sketching skills as a communication tool to record the built environment.
6. Develop skills in visual perception, observation, and documentation.

NAAB Student Performance Criteria:

A.2: Design Thinking Skills **A.3:** Visual Communication Skills

A.6: Fundamental Design Skills **A.8:** Ordering Systems Skills

Topical Outline

Percentages of Time

A. Drawing from Observation, Freehand Sketching	40%
B. Drawing Systems	5%
C. Shade and Shadow Studies	10%
D. Presentation of Design Projects	25%
E. Diagramming and Programming Documentation	10%

Textbooks:

Edwards, C. B. *The New Drawing on the Right Side of the Brain*. New York: Penguin Putnam Inc., 1999.

Lightman, A. *Einstein's Dreams*. New York: Warner Books, Inc., 1993.

Porter, T. *Archispeak: An Illustrated Guide to Architectural Terms*. New York & London: Spon Press, 2004.

Yee, R. *Architectural Drawing*. 2nd ed. Hoboken, NJ: John Wiley & Sons, Inc, 2003.

Offered: Fall semester

Faculty: Smith, White, Morthland