

COURSE DESCRIPTION

Art in Architecture I *Prerequisite: None*

This is an introductory course in architectural drawing. Fundamental skills in technical and freehand drawing, spatial visualization and standard visual communication techniques are presented. The course also examines select architectural styles through readings, research and field projects. Career opportunities in architecture will be presented.

LEARNING OUTCOMES

- Students will understand and demonstrate the meaning of both line weight and pattern in architectural drawings.
- Students will demonstrate through two-dimensional drawing exercises the ability to orient objects in orthographic projections, axonometric drawings, auxiliary and perspective drawings.
- Students will maintain a portfolio of completed work.

ASSESSMENT

Student learning will be demonstrated and assessed through drawings, project presentations, written essay, and examination. Student work is evaluated by a point system.

STUDENT EXPECTATIONS

- Art in Architecture I is a studio course and, therefore, demands efficient use of class time. Students are expected to attend class daily and in a timely manner.
- Students are expected to participate actively and with academic honesty in the learning process (see Academic Honesty, pp. 65-6, in the Lowell High School Student Handbook).
- Students are expected to take responsibility for the timely completion of assignments. Whenever necessary they are expected to seek tutoring during teacher office hours or by prior arrangement.
- Students are expected to maintain a classroom environment which fosters student learning, promotes mutual respect, and ensures student safety.
- No food or drink is permitted in the classroom.

REQUIRED MATERIALS / SUPPLIES

Mechanical pencils, drafting tape, vinyl eraser, erasing shield, architect's scale, drafting triangles, compass, T-square (optional)

TEXTBOOKS

- Hepler, D. Architecture Drafting and Design. Glencoe/McGraw-Hill. 1998.
- Spencer, H. Basic Technical Drawing. Glencoe/McGraw-Hill. 1995.

REFERENCE:

- Ching, F. Design Drawing. Van Nostrand Reinhold. 1998.
- Yee, R. Architectural Drawing. John Wiley & Sons, Inc. 1997.
- Hoke, John. AIA Architectural Graphics Standards. John Wiley & Sons, Inc. 1994.