

Advanced Art in Architecture I and 2  
Visual and Performing Arts Department  
Lowell High School

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## **COURSE DESCRIPTION**

### **Advanced Art in Architecture I and 2**

*Prerequisite: Art in Architecture 2 (final grade "C" or higher)*

The Advanced Art in Architecture courses build on the architectural drawing skills presented in the two previous courses. Architectural rendering and model building are introduced. Design principles are further explored through the completion of one or more major studio projects. Projects may require a significant amount of time outside of class. The courses require that students possess a strong ability to work independently.

## **LEARNING OUTCOMES**

- Students will prepare architectural drawings including site plans, floor plans, elevations, sections and pictorial drawings. In addition, architectural rendering and model building techniques will be presented.
- Students will complete one or more complex design problems. Projects may require a significant amount of time outside of class spent on readings, research and fieldwork. Projects will be presented to the class/instructor for critique.
- Emphasis is placed on student presentation of work for critique and evaluation.
- Students will maintain a portfolio of completed work.

## **ASSESSMENT**

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

## **STUDENT EXPECTATIONS**

- Advanced Art in Architecture 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.
- Please, no food or drink is permitted in the classroom.

## **REQUIRED MATERIALS / SUPPLIES**

Mechanical pencils, technical pens, drafting tape, vinyl eraser, erasing shield, architect's scale, drafting triangles, bow compass/divider, and T-square (optional). Materials for model building include x-acto knife, tape, pins, glue, illustration board, and art/foam core.

Students may select materials in addition to those noted above for constructing models. These materials are 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.