



Digital Visual Techniques for Historic Preservation is an intensive introduction to drawing techniques to compliment Historic Preservation Studio I. This workshop explores computer drawings as a tool for seeing and communicating architecture. The exploration will be framed within the traditions of graphic representation. Areas of investigation will include context, form, measured drawings, organization diagrams and synthesis coupled with the introduction of AutoCAD, Photoshop, Bluebeam and Sketchup software. The class is specifically designed for students without prior training in digital drawing. The class will start in freehand and take advantage of technology to build a computer drawing, which can be effectively manipulated and reproduced. Each class assignment will include a building under investigation in HP Studio. The tools will be introduced within the context of the field of Preservation. Class meetings will introduce and demonstrate concepts, followed by time for hands on participation and tutorials conducted in real time at the computer with the instructor.

Method of Instruction

This workshop is a mini-course which meets Monday and Thursday evenings from 7-9pm in the Historic Preservation Studio Lab during the first half of the semester. Sessions will commence with a group discussion of the prior assignment, followed by a tutorial demonstration. The class will conduct tutorials together with the instructor in real time at the computers. Each tutorial will introduce a new assignment, which will utilize the buildings under investigation in HP Studio. The tools will be introduced within the context of the field of Preservation. The instructor will hold optional meeting sessions, where the students may elect to review individualized questions prior to class meetings. Please see the detailed Class Schedule for more information.

Assignments

In the course of the term we will perform five exercises and one final assignment. A set of graphic images will be produced to address a series of questions with shifting scales and topics, designed to prepare you for your studio problems. These images will be examined critically for their ability to foster an understanding of the meaning of the particular building. Each assignment is due as noted on the Class Schedule. Submitted images will be reviewed by the start of next class and feedback will be provided when necessary. Each assignment will be introduced in class through live demonstrations. Studio I projects and corresponding buildings will be utilized for these exercises. Information learned from drawings will be directly applied to the building analysis in the HP Studio.