

Course Number and Title: ARCH 155 / Basic Architectural Drawing

Instructor: Paul Schultz 215 531 2861, pschultz@resul-tech.com

See course website for more info: www.pages.drexel.edu/~ldk29

Credits: 3.0 Credits, Fall Term

Schedule: Tuesday or Thursday 7:00 – 9:50pm

Catalog Description: Introduces the basic skills of architectural drawing, including drafted and freehand techniques in a variety of media. Aims to bring students to a level of competence required in the first-year design studios and for entry-level positions in architectural firms.

Course Objectives: To allow students to become comfortable communicating design ideas through a wide range of media in 2-dimensional and 3-dimensional drawing techniques.

Course Requirements: Students are expected to complete all the work for the week as outlined in each assignment handout and to be prepared to discuss it with the group. Work will include drawings, sketches, photography, collage and research. Students should come to class each week with all drawing supplies and be prepared to begin work in class.

Final submission requirements: Each student is required to keep a sketchbook. Certain assignments will be completed in the sketchbook in addition to ongoing sketching requirements, note-making, drawing and thinking. At the end of the semester, each student will be asked to submit their sketchbooks and a portfolio including all assignments from the semester for final grading. All work will be returned before the end of finals week.

Attendance: Attendance is mandatory except in the event of an emergency or sickness. Inability to attend a class requires advance notification to the instructor. More than 1 unexcused absence will result in a reduction of the student's final grade. Assignments must be completed on time. Late work will result in a one-interval reduction (A to B) in the assignment grade for each day beyond the due date indicated on the assignment handout.

Grading: Students will be evaluated on class participation, thoroughness of work, adherence to project requirements and quality of submitted assignments. Individual progress will also be factored into the grade, allowing students with prior drawing experience to develop new skills.

The final grades for the term are calculated as follows:

- Projects: 75%
- Sketch Problems, Sketchbook (100 sketches minimum) 15%
- Participation: 10%

Course Text (required): *Design Drawing*, Francis D. K. Ching.

Required materials for the course, to be brought to each class meeting for work in class:

- 11" x 14" spiral-bound sketchbook (minimum of 70 pages) with smooth drawing paper (such as Strathmore Field Sketch Book, 60lb premium recycled white paper)
- Black Pilot Pens (V5 tip / extra fine) or similar felt-tip pen, black Sharpie markers
- Lead-holder and rotary sharpener
- (2mm) 2H and HB leads for lead holder
- White eraser
- Metal eraser shield
- Triangles: adjustable, 45/45/90, 30/60/90
- Set of 3 or 4 french curves
- Architectural scale (12" triangular)
- Clear pushpins
- 12" roll canary yellow tracing paper
- Drafting tape (or drafting dots)
- Small toolbox for tools
- Vellum for Drawings (17" x 22" min. pad or a 36" roll of un-gridded vellum)
- Portfolio with handle or drawing tube