

ARCHITECTURAL DETAILING

Spring Semester (2004)

Instructor:	Christopher A. Carey
Grade:	Based on: page setup, line weights, object consistency, drawing cleanliness and technique
Course Objective:	To introduce the Architectural students to the methods and purpose of producing architectural drawing details which convey design intent to the carpenter while illustrating, with detail, the materials, assemblies and methods to be used in construction. Students will gain a working knowledge through construction observation, detail observation and a hands-on scaled detail building project.
Method:	Lectures, In-class drafting, class discussion
Text:	(Several reference texts to be announced)
Equipment:	T-square / Drafting table (portable) ; Triangles: 45 & 60 degrees; Lead Holders: .3, .5 & .7 with lead to accommodate (2h , h , hb) ; cumpass / circle template ; trace paper ; 10 pack 18 x 24 vellum.

<u>Week 1</u>	Introduction of concepts Expectations / Grading / Portfolio Lecture: scale / line weights / lettering / layout / cleanliness Assignment # 1- Tuscan Column
<u>Week 2</u>	Assignment # 1 grading / discussion In-class review / discussion Lecture: Wall Sections Assignment # 2: 1 ½" Wall Section Detail (light layout)
<u>Week 3</u>	Continuation of Details Hard lining and noting Lecture: Structure and Material Assembly and its application to differentiating line weights.
<u>Week 4</u>	Assignment #2 grading / discussion Distribution of Assignment # 3- ¾" Large scale Wall Section (light layout) Lecture: Structure (Heights, plate heights and spring points)
<u>Week 5</u>	Continuation of ¾" Large scale Wall Section Hard lining and noting Lecture : Plan section lines and their relationships to the drawing package. Extrapolating lines between sections and elevations. Developing Architectural Expressions
<u>Week 6</u>	Assignment #3 grading / discussion Distribution of Assignment #4 - ¾" Foundation Details (light layout) Lecture : plan and section details relating to foundations.

<u>Week 7</u>	Continuation of $\frac{3}{4}$ " Foundation Details Hard lining and noting Lecture: Foundation details
<u>Week 8</u>	Assignment # 4 grading / discussion Distribution of Assignment #5 - $\frac{1}{4}$ " scale Large Building Cross Section (light layout) Lecture: relationships to elevations / roof pitches / introduction of interior elevations / grading.
<u>Week 9</u>	Continuation of $\frac{1}{4}$ " Large Building Cross Section Hard line and noting
<u>Week 10</u>	Assignment #5 grading / discussion Distribution of Assignment # 6 - $\frac{1}{4}$ " scale Elevations (light layout) Lecture: Elevations, developing from sections and plans. Material designations, information to be noted, grading (soils).
<u>Week 11</u>	Continuation of $\frac{1}{4}$ " scale Elevations Hard lining and noting Lecture: Trim, belt-lines and cornices, architectural expressions.
<u>Week 12</u>	Assignment #5 grading / discussion Distribution of Assignment #6 - $\frac{1}{2}$ " scale Interior Elevations (light layout) Lecture: Trims, Base and Cornices. Wall Millwork (paneling, wainscots and rails)
<u>Week 13</u>	Continuation of $\frac{1}{2}$ " Interior Elevations Hard lining and noting Lecture: Stairs: newels, treads, balusters and rails.
<u>Week 14</u>	Assignment # 6 grading / discussion Distribution of Assignment #7 - $\frac{1}{2}$ " scale Bath Plan & Elevation (light layout) Lecture: Cabinetry / built-ins (design and construction)
<u>Week 15</u>	Continuation of Bath Plan & Elevation Hard lining and noting
<u>Week 16</u>	Assignment #7 grading / discussion Portfolio preparation Final project submittals for grading
<u>Week 17</u>	Final portfolio submittal / grading