

# Architectural Design I

(Thursday 6 - 9:50 pm)

Instructor: Mark A. Comeau, AIA (Day: 885-2387), email MComeau@trcc.commnet.edu

Grading: Students are graded on various projects throughout the semester in accordance with the following criteria:

- How well the student identifies the problem;
- The student's ability to gather problem solving data & information;
- The student's ability to synthesize that data and information;
- Creative communication of the architectural solution.

Course Objective:

To introduce the Architecture student to the fundamental methodologies of an architect's decision making process. Students will work individually and in groups, as they apply their studies to the solutions of small "vignettes" or architectural projects that explore form and space design, and ordering systems. Emphasis in Design I is placed more upon the *path* of design and the decision making process, than a "polished" solution.

Text: Architecture: Form, Space & Order, and Design Drawing by Francis D.K. Ching

<b>Form</b>	Chapter 2	<b>Order</b>	Chapter 7
<u>Week 1:</u> 9/04	Visual Proportions of Form; Shape, Massing, Transforming Problem 01, Problem 01A	<u>Week 09:</u> 10/30	Ordering Principals; Hierarchy/Symmetry/Balance/Axis Text - p. 332.
<u>Week 2:</u> 9/11	Additive Forms; Central/Linear/Radial/Cluster/Grid Problem 02, Problem 02A	<u>Week 10:</u> 11/06	Ordering Progressions; Datum/Rhythm/Repetition/Layering Problem 10 A, Option 1, Op-
<u>Week 3:</u> 9/18	Articulation of Forms; Edges/Corners/Surfaces Problem 03, Problem 03A	tion 2 <u>Week 11:</u> 11/13	Constructing Order ( <b>Crit</b> ); Signature/Regulating Lines
<u>Week 4:</u> 9/25 Light	Symbiotics of Form ( <b>Crit</b> ); Entry/Circulation/Struct./Space/ Problem 04, Problem 04A	<b>Proportion &amp; Scale</b> <u>Week 12:</u> 11/20	Chapter 6 Proportion Systems; Golden Section/The Orders (Project to be discussed in
<b>Form &amp; Space</b>	Chapter 3	class)	
<u>Week 5:</u> 10/02	Defining Space; Horizontal/Vertical Elements Problem 05	<u>Week 13:</u> 11/27	Thanksgiving Recess; (Site visit on Tuesday)
<u>Week 6:</u> 10/09	Qualities of Space; Closure/Light/View/Openings Problem 06	<u>Week 14:</u> 12/04	Additional Proportions; Renaissance/Modular/Ken/Ergon. Final Semester Project
<u>Week 7:</u> 10/16	Spatial Relationships; Context/Circul./Unit:Whole/Links Problem 07 A, Problem 07	<u>Week 15:</u> 12/11	Scale; Generic/Human (Final Proj Assigned) (In-class studio)
B		<u>Week 16:</u>	Final Project Due ( <b>Crits</b> )
<u>Week 8:</u> 10/23	Spatial Organizations ( <b>Crit</b> ); Central/Linear/Radial/Cluster/Grid Problem 08 A, Problem 8-9 B		

## Required Materials:

(along with drafting)

- 12" role of cream trace
- HB pencils
- prismacolor pencils (muted tones of greys, greens, others)
- prismacolor markers (muted tones of greys, greens, others)

Use of [SketchUp](#) will be utilized (click it to download free!).

Updated 9/01/08