

ARCHITECTURAL DESIGN STUDIO I · ARC K211

(Thursday 5:30 – 9:50pm)

Professor: Chuck Canavan, AIA (Day: 885-2387), email CCanavan@trcc.commnet.edu
 Grading: Students will be 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

Form

Chapter 2

Week 1:
8/26 Visual Proportions of Form;
Shape, Massing, Transforming
Text - p. 50.

Week 2:
9/02 Additive Forms;
Central/Linear/Radial/Cluster/Grid
Text - p. 72.

Week 3:
9/09 Articulation of Forms;
Edges/Corners/Surfaces
Text - p. 94.

Week 4:
9/16 Symbiotics of Form (**Crit**);
Entry/Circulation/Struct./Space/Light
Text - p. 247.

Form & Space Chapter 3

Week 5:
9/23 Defining Space;
Horizontal/Vertical Elements
Text - p. 114.

Week 6:
9/30 Qualities of Space;
Closure/Light/View/Openings
Text - p. 175.

Week 7:
10/07 Spatial Relationships;
Context/Circul./Unit:Whole/Links
Text - p. 195.

Week 8:
10/14 Spatial Organizations (**Crit**);
Central/Linear/Radial/Cluster/Grid
Text - p. 204.

Order

Chapter 7

Week 09:
10/21 Ordering Principals;
Hierarchy/Symmetry/Balance/Axis
Text - p. 332.

Week 10:
10/28 Ordering Progressions;
Datum/Rhythm/Repetition/Layering
Text - p. 358.

Week 11:
11/04 Constructing Order (**Crit**);
Signature/Interpretation

Proportion & Scale Chapter 6

Week 12:
11/11 Proportion Systems;
Golden Section/The Orders
Text—p. 300.

Week 13:
11/18 Thanksgiving;
(No Classes)

Week 14:
11/25 Additional Proportions;
Renaissance/Modulor/Ken/Ergon
Text - p. 312.

Week 15:
12/02 Scale;
Generic/Human (Final Proj Assigned)
Text - p. 326.

Week 16:
12/09 Final Project Due (**Crits**)

Required Materials:

- 12" role of cream or white trace
- (along with drafting) ▫ HB pencils
- prisma-color pencils (muted tones of greys, greens, others)
- prisma-color markers (muted tones of greys, greens, others)