

ARCHITECTURAL DESIGN I - ARC K 211

Syllabus - Fall Semester 04'

Instructor: Christopher A. Carey, (Day: 860-535-1168), email Mystcarey@aol.com
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 students ability to gather problem solving data & information;
 - The students 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 which 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 K. Ching

Form Chapter 2

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

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

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

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

Form & Space Chapter 3

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

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

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

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

Order Chapter 7

Week 09: Ordering Principles;
 Hierarchy/Symmetry/Balance/Axis
 Text - p. 332

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

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

Proportion & Scale Chapter 6

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

Week 13: Additional Proportions;
 Renaissance/Modulor/Ken/Ergon.
 Text - p. 312

Week 14: No Classes:
 Thanksgiving

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

Week 16: Final Project (Crits)

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)