

THREE RIVERS COMMUNITY/TECHNICAL COLLEGE

ARCHITECTURAL DESIGN I

ARC 2100

Syllabus - Fall 01'

Instructor: Mark A. Comeau, AIA (Day: 885-2387), email MystArch@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;
9/06 Shape, Massing, Transforming
Text - p. 50

Week 2: Additive Forms;
9/13 Central/Linear/Radial/Cluster/Grid
Text - p. 72

Week 3: Articulation of Forms;
9/20 Edges/Corners/Surfaces
Text - p. 94

Week 4: Symbiotics of Form (**Crit**);
9/27 Entry/Circulation/Struct./Space/Light
Text - p. 247

Form & Space Chapter 3

Week 5: Defining Space;
10/04 Horizontal/Vertical Elements
Text - p. 114

Week 6: Qualities of Space;
10/11 Closure/Light/View/Openings
Text - p. 175

Week 7: Spatial Relationships;
10/18 Context/Circul./Unit:Whole/Links
Text - p. 195

Week 8: Spatial Organizations (**Crit**);
10/25 Central/Linear/Radial/Cluster/Grid
Text - p. 204

Order Chapter 7

Week 09: Ordering Principals;
11/01 Hierarchy/Symmetry/Balance/Axis
Text - p. 332

Week 10: Ordering Progressions;
11/08 Datum/Rythm/Repetition/Layering
Text - p. 358

Week 11: Constructing Order (**Crit**);
11/15 Signature/Interpretation

Proportion & Scale Chapter 6

Week 12: No Classes
11/22 Thanksgiving

Week 13: Proportion Systems;
11/29 Golden Section/The Orders
Text - p. 300

Week 14: Additional Proportions;
12/06 Renaissance/Modulor/Ken/Ergon.
Text - p. 312

Week 15: Scale;
12/13 Generic/Human (Final Assigned)
Text - p. 326

Week 16: Final Project Due (**Crits**)
12/20

Required Materials:

(along with drafting)

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