

THREE RIVERS COMMUNITY-TECHNICAL COLLEGE
BUILDING CODES & ORDINANCES
 ARC 2219
 Spring Semester 2003

Instructor: Mark Comeau, AIA (572-9922 Day), email MystArch@aol.com

Grade: Quizzes (4) 50% Mid term 25% Final 25%

Course: To introduce the Architectural Design and Civil Technology students to the origins, scope and
 Objectives administration of local, state and federal codes and ordinances. Students will be exposed to the elements of these codes and ordinances and to the impacts they have on the design, construction, and occupancy of a project. Students will develop a working knowledge of the subject material as they track a hypothetical project from preliminary zoning research, through design and construction and ultimately the issuance of a "certificate of occupancy".

Method: Lectures, Slide Lectures, Simulations, Class Discussion

Text: **BOCA "Building Official and Code Administrators" 1996 Code & CT Supplements**

<u>Week 1</u> (1/28)	Over-view (handouts) Zoning Regulations, Building Codes	<u>Week 9</u> (3/25)	Accessibility, ADA pp 133-137 Circulation & Barrier Free
<u>Week 2</u> (2/04)	Zoning Regulations (handouts) Use, Bulk, Design, Hazard	<u>Week 10</u> (4/01)	Interior Environ. pp 139-142 Space size, lighting, venting
<u>Week 3</u> (2/11)	Building Codes , pp 17-51 Use or Occupancy	<u>Week 11</u> (4/08)	Structural Loads pp 157-196 Table 1606 & Design Loads
<u>Week 4</u> (2/18)	General Building Limitations pp 55-58 Table 503	<u>Week 12</u> (4/15)	Constr. Material pp 219-246 Concrete & Masonry
<u>Week 5</u> (2/25)	Types of Construction pp 61-65 Table 602	<u>Week 13</u> (4/22)	Constr. Material pp 249-270 Steel & Wood
<u>Week 6</u> (3/04)	Fire Resistance pp 65-104 Materials, Construction, Protection	<u>Week 14</u> (4/29)	Constr. Materials pp 271-284 Finishes
<u>Week 7</u> (3/11)	Means of Egress pp 107-131 Travel path, length, load	<u>Week 15</u> (5/06)	HVAC pp 285-294 Electric, Plumbing, Mechanical
<u>Week 8</u> (3/17-21)	Spring Break (No Classes)	<u>Week 16</u> (5/13)	Project (TBA) Compliance Tables

COURSE REQUIREMENTS:

Notebook

Students will assemble a notebook, to be made up of handouts distributed at the beginning of each class. A 3" "*Slant-ring*" notebook with plastic sheet protectors is recommended – this will be a good resource for future reference.