

Three Rivers Community College

Fall Semester 2007

CAD K214 & K215 ***CAD Construction***

Professor: Dr. Michael Vincenti

Class Hours: Wednesday
Lecture -> 5:30 -6:20
Lab -> 6:30 - 9:45

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Required Textbook: Mastering Autodesk Revit Building
By Paul F. Aubin
ISBN:1-4180-2053-2

Building Information Modeling with Autodesk Revit Building
Student Workbook
Download from Course WebCT Website

Submitting Assignments:

Each of the assignments will be clearly described in class. I will give you very specific directions regarding how to name the files and where and how to submit each assignment.

Please !!! Use only the file name format that I request, and submit the assignments only to place that I have outlined in the assignment instructions. I will be receiving nearly 200 assignment files from the class. I cannot be responsible for assignments that are lost because file name format was incorrect, or because the assignment was submitted to the wrong place.

Grading Policy:

Lecture:

Quizzes = 50
Midterm Exam = 20%
Final Exam = 20%
Attendance = 10%

Lab:

Lab Assignments = 45%
Project = 25%
Final Exam = 20%
Attendance = 10%

Please also note that copying of lab exercises will not be tolerated. If you insist on sharing your lab work, then you will have to share the total points for the assignments that you share.

Week #	Unit #	Date	Topic	Reading (Aubin = A) (Workbook = W)
1	1	8/29/07	Course Introduction TRCTC Network Course Website Introduction to Revit	A - Chapters 1 & 2 W - Unit 1
2	2	9/05/07	Floor Plans	A - Chapters 3 & 5 W - Units 2 3 & 4
3	3	9/12/07	Elevations	A - Chapter 4
4	4	9/19/07	Structural Sections	A - Chapters 1 & 12 W - Unit
5	5	9/26/07	Roofs and Ceilings	A - Chapters 7 & 12 W - Unit 5, 6 & 8
6	6	10/03/07	Stairs, Railings, Cabinets. Fixtures & Build-ins	A - Chapters 3, & 6 W - Units 7, 10 & 11
7	7	10/10/07	Site Plans Foundation Plans	A - Chapter 4 W - Units 6 & 12
8	8	10/17/07	Midterm Exam House Design Proposal Due	
9	9	10/24/07	Detailing and Annotations	A - Chapters 8, 9 & 10 W - Unit 14
10	10	10/31/07	Schedules, Documents Sets & Phasing	A - Chapter 11 W - Unit 5, 18 & 19
11	11	11/07/07	Rendering Sun and Shadow Studies	Handout W - Unit 5
12	12	11/14/07	Walk-throughs	Handout
13		11/21/07	Thanksgiving Recess - No Class	
14	13	11/28/07	Open Lab - House design Project	
15	14	12/05/07	Open Lab - House design Project	
16		12/12/07	Final Exam Open Lab	Comprehensive - Lecture and Lab