

# Three Rivers Community College

Spring Semester 2008

## **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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E-mail: vincenti@ccsu.edu

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**Required Textbook:** Autodesk Revit Architecture 2008  
By Sham Tickoo  
ISBN:9781932709384

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

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### ***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.

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### ***Grading Policy:***

#### **Lecture:**

Quizzes = 40%  
Midterm Exam = 25%  
Final Exam = 25%  
Attendance = 10%

#### **Lab:**

Quizzes & Exams = 20%  
Lab Assignments = 45%  
Project = 25%  
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.**

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<b>Week #</b>	<b>Unit #</b>	<b>Date</b>	<b>Topic</b>	<b>Reading (Tickoo = T) (Workbook = W)</b>
1	1	9/03/08	Course Introduction TRCTC Network Course Website Introduction to Revit	T – Chapters 1 & 2 W – Unit 1
2	2	9/10/08	Floor Plans	T – Chapters 3, 4 & 7 W – Units 2 3 & 4
3	3	9/17/08	Elevations	T – Chapter 6
4	4	9/24/08	Structural Sections	T – Chapters 12 & 16 W – Units 5 & 7
5	5	10/01/08	Roofs and Ceilings	T – Chapter 7 W – Units 2 & 8
6	6	10/08/08	Stairs, Railings, Cabinets. Fixtures & Build-ins	T –Chapter 8 W – Units 7, 10 & 11
7	7	10/15/08	Site Plans Foundation Plans	T – Chapter 9 W – Units 6 & 12
8	8	10/22/08	<b>Midterm Exam</b> <b>House Design Proposal Due</b>	
9	9	10/29/08	Detailing and Annotations	T – Chapters 11 & 12 W - Unit 14
10	10	11/05/08	Schedules, Documents Sets & Phasing	T – Chapter 12 & 16 W – Unit 5, 18 & 19
11	11	11/12/08	Rendering Sun and Shadow Studies	T – Chapter 15 W – Unit 5
12	12	11/19/08	Walk-throughs	T – Chapter 15
13		11/26/08	<b>No Class – Thanksgiving Recess</b>	
14	13	12/03/08	Open Lab – House design Project	
15	14	12/10/08	Open Lab – House design Project	
16	15	12/17/08	<b>Final Exam (or Reading Day)</b> <b>Open Lab</b>	<b>Comprehensive – Lecture and Lab</b>