

SYLLABUS

ID-190 BUILDING SYSTEMS & CODES

Bellevue College

1/04/2012

Instructor: Paul Z. Wu, AIA
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Office Hours: By appointments only; Mondays & Wednesdays after classes.

Required Text:

Building Construction Illustrated, Frank Ching/Cassandra Adams, John Wiley & Sons, 4th Edition
2009 International Building Code, International Code Council, Inc.

(Note: full time students may join the International Code Council as student members, pay a one time membership fee of \$25.00 and receive a complementary copy of the IBC.)

Additional Reading:

Fundamentals of Building Construction: Materials and Methods, by Edward Allen, John Wiley & Sons
Construction - Principles, Materials, and Methods, by Leslie Simons & Harold Olin, John Wiley & Sons
Materials & Components of Interior Architecture, by J. Rosemary Riggs, Prentice Hall
Architectural Graphic Standards, Edited by Charles Ramsey and Harold Sleeper,
A Visual Dictionary of Architecture, by Francis D.K.Ching, John Wiley & Sons
Building Systems for Interior Designers, by Corky Binggeli, John Wiley & Sons
Design of Mechanical & Electrical Systems in Buildings, by Frederick Trost, Pearson Prentice Hall
Building Codes Illustrated, by Francis D.K. Ching & Steven R. Winkel, John Wiley & Sons

Case Study: (see detail sheet) The case study will be completed by groups of three (3) students and the results will be presented both in written form and to the entire class by the group. The case study is intended to be a practical application of course material in a setting not unlike what one may encounter in professional practice.

Quizzes: There will be a few pop quizzes throughout the quarter. Emphasis: these are intended primarily for the instructor to measure the overall comprehension of the subject matter. It is also a way for the instructor to measure the students' performance throughout the course of the quarter. There will be no make-up quizzes.

Final Examination: There will be a 60 minutes final exam for this course, open books, notes and minds.

Attendance: Attending **all classes** is essential to learning this subject. The course covers a large amount of material and **every class is important**. It is the student's responsibility to come to class prepared to learn. Attendance will be taken at the beginning (and end) of each class. **Students missing 6 or more classes will receive a failing grade for the course** (absent for cause may be made up with prior arrangements with the instructor).

Readings: The course will be more meaningful and successful if everyone does the assigned readings prior to each class. The instructor strongly recommends additional reading in related subjects as supplement to each chapter of the textbook. The student is encouraged to bring up any related topics/problems in class discussions.

Grading: Grading for the class will be based on the following percentages:

Attendance	50%	(including pop quizzes)
Case Study	25%	
Final Exam	25%	
Total:	100 %	

Late Work: No late work is accepted. The case studies must be completed by the day of their presentation.

Accommodation: If you require accommodation based on a documented disability, emergency medical information to share, or need special arrangements in case of emergency evacuation, please make an appointment with me as soon as possible. If you would like to inquire about becoming a DSS student you may call **425-564-2498** or go in person to the DRC (Disability Resource Center) located in Room B132.