

Red Rocks Community College
Syllabus

Course Number Identifier: CON 143

Course Title: International Building Code (IBC)

Semester: Spring 2011: 4 Credits

Introduction:

This course is designed as an introduction to the IBC for contractors, building officials, architects, and others within the building industry who desire to gain knowledge of the IBC.

This course will primarily cover the **first 11 chapters** of the IBC chapters dealing with structural design as well as briefly discussing the information located within the other chapters of the book.

Course Description: A study is made of the restrictions, standards, and requirements that is in the interest of the public safety and welfare, established by law to govern the construction of buildings (as per IBC) and their materials.

Course Objectives:

After successful completion of this course the students should be able to:

- Locate information within the code book.
- Interpret the information within the first 11 chapters of the code book.
- Demonstrate knowledge of the complete code book and its contents.
- Have an understanding of code analysis.

Topics Covered:

Introduction to building code, History

Chapter-1 Administration

Chapter-2 Definitions

Chapter-35 Referenced Standards

Chapter-3 Use and Occupancy Classification

Chapter-5 General Building Heights and Areas

Chapter-6 Types of Construction

Chapter-7 Fire Resistance Rated Construction

Chapter-4 Special Details Requirements

Chapter-8 Interior Finishes

Chapter-9 Fire Protection System

Chapter-10 Means of Egress

Chapter-11 Accessibility

Textbook:

"2009 International Building Code", by ICC.

Learner Expectations:

To be successful in this course you will need to set aside at least **6** hours per week in order to complete reading assignments, course documents, answer unit questions, participate in class discussions, and take quizzes. I strongly encourage you to designate a specific block of time each week to work on these materials. It is essential that you stay current with the pace of the course offerings. Doing this will promote a successful learning experience.

