



CITY OF RAPID CITY

Growth Management Department

300 Sixth Street

Rapid City, South Dakota 57701-2724

Brad Solon, Building Official
Development Service Center
Growth Management Department

Phone: 605-394-4157
Fax: 605-394-6636
e-mail: @rcgov.org

MEMO

TO: Legal and Finance Committee

FROM: Brad Solon, Building Official

DATE: August 2, 2004

SUBJECT: Request to hold 2003 International Building Code/2003 International Residential Code Training in Rapid City

Development Service Center is requesting Council authorization to sponsor a code training seminar pertaining to the newly adopted 2003 International Building Code/2003 International Residential Code in Rapid City.

The earliest available dates for Colorado Code Consulting LLC to offer the instruction would be September 16 and 17, 2004. This educational opportunity provides excellent training on the newly adopted International Building Code. The total cost to the City to provide the training will be \$3375. One day of training on the 2003 International Building Code and one day of training on the 2003 International Residential Code will be provided.

Information will be distributed to local builders and contractors on this training opportunity. Staff anticipates a minimum fee of \$50 per person per class. A copy of the supporting information is attached.

Staff is requesting approval to use funds set aside in the education fund (#3208) to sponsor this important training opportunity. Additionally this training will help meet our requirements for maintaining the ISO rating.

Staff recommendation: Staff recommends authorization for Mayor and Finance Officer to enter into an agreement for Colorado Code Consulting LLC to provide training with a maximum limiting amount of \$ 3375.



EQUAL OPPORTUNITY EMPLOYER

Colorado Code Consulting, L.L.C.

3321 S Dunkirk Way Aurora, Colorado 80013

Ph.: 303-400-6564 Fax: 303-693-0630

CODE TRAINING SEMINARS

FEE SCHEDULE

The following fees are charged for conducting code training seminars. The fees include all travel expenses and costs.

First day of instruction	\$1,350.00
Subsequent days of instruction	\$1,100.00
Handouts & Class Development	
Copies by Sponsor	\$9.00 per student
Copies by Colo. Code Cons.	\$15.00 per student

A/V REQUIREMENTS

Classes are conducted using Microsoft PowerPoint software. The sponsoring organization is responsible for providing an LCD projector and screen for the presentation. Colorado Code Consulting, LLC will provide a laptop computer and the software. If the sponsor is not able to provide an LCD projector, special arrangements with Colorado Code Consulting, LLC must be made to provide a projector. A lapel microphone should be provided by the sponsoring organization for large rooms.

TRAVEL ARRANGEMENTS

Colorado Code Consulting, LLC will make all travel arrangements. It is requested that the sponsoring organization provide the name and reservation information of the hotel where seminars will be held. If the seminar is not held in a hotel, the sponsoring organization is asked to provide a list of nearby hotels.



Colorado Code Consulting, LLC

Building Code

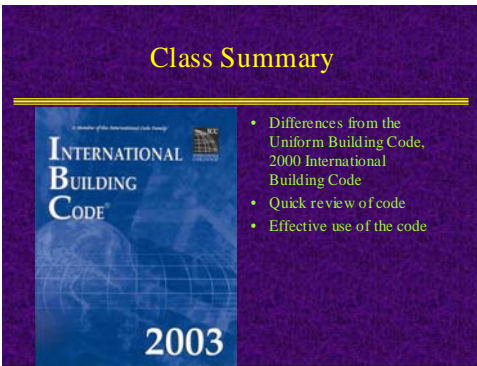
Educational Seminars

3321 South Dunkirk Way

Aurora, CO 80013

303-400-6564

Class Summary

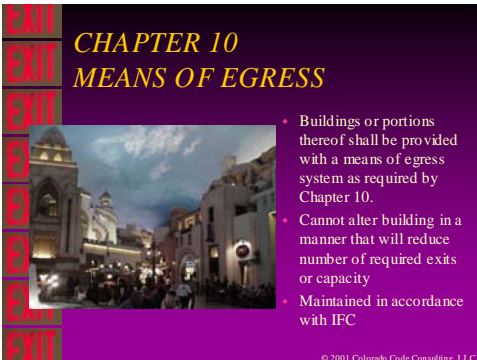


- Differences from the Uniform Building Code, 2000 International Building Code
- Quick review of code
- Effective use of the code

2003 International Building Code Overview

This fast-paced one-day seminar explores the major provisions of the 2003 International Building Code. The presentation will include discussions of the provisions addressing the following issues: occupancy classification, types of construction, means of egress, fire sprinklers and fire-resistive-rated construction, administrative provisions and accessibility. This class is designed to provide an introduction to the new provision of the code. (IBC Overview also available in two- or three-day seminars.)

CHAPTER 10 MEANS OF EGRESS



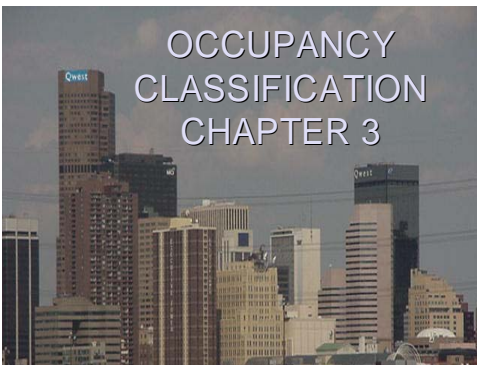
- Buildings or portions thereof shall be provided with a means of egress system as required by Chapter 10.
- Cannot alter building in a manner that will reduce number of required exits or capacity
- Maintained in accordance with IFC

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2003 IBC Means of Egress

This class is a basic overview of the means of egress requirements included in Chapter 10 of the 2003 IBC. The presentation will include detailed discussions on the design of the means of egress in buildings. Subjects included in the class are the three parts of the means of egress including occupant loads, egress width, number of exits, travel distance, common path of egress travel and exit enclosures. Practical examples will be used to illustrate code requirements.

OCCUPANCY CLASSIFICATION CHAPTER 3



2003 IBC Building Classification

This class addresses the essential provisions of the 2003 IBC relating to the classification of buildings. Subjects include occupancy classification, type of construction, area calculations, location on property and building heights. Practical examples and problems will be discussed to illustrate code requirements.

Penetrations 711

- The provisions of this section shall govern the materials and methods of construction used to protect through penetrations and membrane penetrations



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2003 IBC Fire-Resistant-Rated Construction and Fire Protection

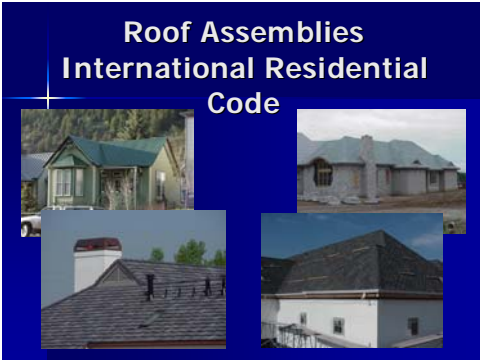
This class will be an in-depth discussion of the fire-resistant-rated construction, Chapter 7 and 8, and fire protection, Chapter 9, provisions of the 2003 IBC. The class will include a discussion of available resources available to comply with these chapters. The class also includes discussion of where fire protection systems are required to be installed. The installation standards for fire protection systems will not be discussed in this class.



2003 International Residential Code

2003 International Residential Code Overview

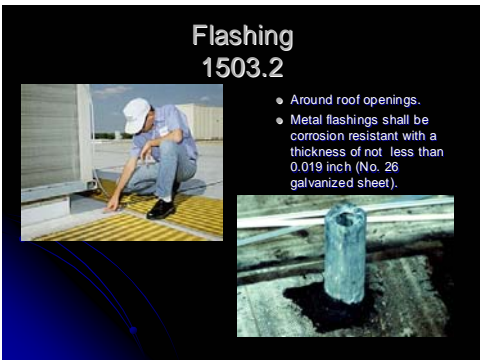
This fast-paced one-day seminar explores the major provisions of the 2003 International Residential Code. The presentation includes detailed discussions of the provisions addressing the following issues: building planning; foundation, floor, wall and roof construction; exterior wall finishes; and roofing systems. The class is designed to provide an introduction to the provision of the code. (IRC seminar also available in 2-day class.)



Roof Assemblies International Residential Code

Residential Roofing Under the 2003 IRC

This half day seminar provides an overview of the residential roofing requirements in Chapter 9 of the 2003 International Residential Code. This class will address primarily the application of steep roofing systems on residential structures. The use of evaluation reports and manufacturer's installation instructions will be discussed in the installation and inspection of these types of roofing systems.



Flashing 1503.2

- Around roof openings.
- Metal flashings shall be corrosion resistant with a thickness of not less than 0.019 inch (No. 26 galvanized sheet).

Commercial Roofing Under the 2003 IBC

This one-half day seminar provides an overview of the commercial roofing requirements in Chapter 15 of the 2003 International Building Code. The application of low-slope roofs will be the primary focus of this class. The use of manufacturer's installation instructions as well as evaluation reports will be discussed in the installation and inspection of these types of roofing systems.



Class Summary

- Inspection Techniques
 - Personal Preparation
 - Tools/Equipment
 - Foundation - Roof
 - Building
 - Plumbing
 - Mechanical
 - Electrical
- Based on small commercial project
- 2000 I-Codes
- Applicable to small or large department

Combination Inspection of Small Commercial Structures

This class provides new commercial inspectors with basic techniques and an understanding of conducting inspections of small commercial buildings. The discussion will include preparation, presentation and inspections of the building, plumbing, mechanical and electrical portions of a building.

2003 International Building Code



Multi-Family Developments

IBC Multi-Family Construction

This class provides an overview of the requirements for multi-family dwellings in the International Building Code. Type V-A construction may be the most difficult type of construction to build a structure by. This seminar discusses the design, construction and inspection of Group R-2 occupancies including, building planning, fire-resistive rated construction, fire protection requirements and means of egress requirements.

Accessibility

Chapter 11



IBC Accessibility Requirements

This class provides an overview of the scoping provisions for accessibility in the International Building Code and the technical provisions of the ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities. The seminar will also discuss differences between the provisions enforced by building department and the American Disabilities Act Accessibility Guidelines.

Additional subjects not listed in this brochure can be developed upon request.

For more information contact:

Steve Thomas
Colorado Code Consulting, LLC
3321 S Dunkirk Way
Aurora, CO 80013
Ph: 303-690-6513 Fax: 303-693-0630

www.colorado-code.com