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2014



March 10 - March 14, 2014
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SESSION DESCRIPTIONS

MONDAY 3/10 SESSIONS

2012 IBC Fundamentals

CEU: 0.8

Session 1



This seminar focuses on the basic nonstructural concepts of the 2012 *International Building Code*® (IBC®). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IBC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This course will also help the code user to correctly locate and recognize the interrelatedness of code requirements, as well as to begin to develop a procedure for applying them. It will address the organization of the code.

Experience Level: Intermediate

Instructor: Doug Thornburg

Soares Grounding and Bonding

CEU: 0.8

Session 2



This seminar is a must for those who wish to keep informed and increase their understanding and expertise in grounding and bonding of electrical systems and equipment. It is based on the authoritative text *Soares Book on Grounding* and clearly explains the fundamentals and practice of grounding in easily understood language. Dozens of new and revised color illustrations and photos of actual installations clarify and simplify the fundamental principles of grounding and bonding.

Experience Level: Intermediate

Instructor: Mark Ode

Book Fee: \$65

Compressed Gases and Cryogenic Fluids

CEU: 0.8

Session 3



Industrial and specialty gases are encountered in most occupancies. From medical gases in the dentist's office or home health care, fuel gases mixed with oxygen in metal welding and fabrication facilities, to the use of specialty gases for heat treatment, calibration of sensitive measuring equipment or ripening fruits, compressed gases and cryogenic fluids are pervasive and important to society. The *International Fire Code*® (IFC®) has extensive requirements for compressed gases and cryogenic fluids in seven different chapters. The IFC also adopts several standards on various gas storage and distribution systems.

This one-day seminar, based on the 2012 edition of the IFC, provides a technical overview of the various IFC requirements for compressed, liquefied compressed and dissolved gases as well as cryogenic fluids. The course emphasis is on the classification of these hazardous materials, container and cylinder construction, piping and fittings and a review of the hazard specific requirements in the IFC. The seminar also reviews the major requirements in the various referenced standards for these systems.

Experience Level: Intermediate

Instructor: Scott Stookey

Assessment of Alternate Methods and Materials

CEU: 0.8

Session 4



Provides a solid background in the application of the alternate provisions contained in *International Building Code*® (IBC®) Section 104.11. The first portion of the class will dissect the IBC to derive the basic intent behind the prescriptive code requirements used to justify a 104.11 alternate assessment. The second portion of the class will look at sustainable alternative construction methods such as earthships, straw bale, cob, cordwood, etc.

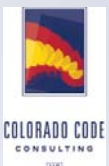
Experience Level: All

Instructor: Steve Thomas

2012 IRC Plan Review

CEU: 0.8

Session 5



Designed to provide a broad overview of the process for residential plan review, this one-day course will provide the basic steps to complete a comprehensive review of a residence. The class will discuss the tools and process for conducting a residential plan review. It will also increase your awareness of the necessary items required to insure code compliance of the homes built in your jurisdiction.

Experience Level: Intermediate

Instructor: Gary Pringey

SESSION DESCRIPTIONS

MONDAY 3/10 SESSIONS

2012 IECC Residential Fundamentals

CEU: 0.8

Session 6



This one-day session is designed for compliance staff and design professionals who wish to know the basic requirements of the residential portion of the 2012 *International Energy Conservation Code*® (IECC®). The focus will be on the scope and administration of the code, Chapter 2 Definitions, Chapter 3 General Requirements and good detail on Chapter 4 envelope, mechanical, service water heating and lighting sections. The session has been designed to provide a good primer for those plan reviewers and inspectors planning to take the ICC certification test and will include test review questions and discussions.

Experience Level: All

Instructor: Ken Baker

UPC Water, Gas & DWV Sizing Seminar

CEU: 0.8

Session 7



This seminar provides participants with how-to instruction on properly sizing water, gas, drain, waste and venting systems and their components. Participants will have the opportunity to practice what they learn in this hands-on experience. Upon leaving the seminar, participants will be better able to identify the appropriate sizing requirements in the code as well as properly determine the correct pipe sizing for the systems they encounter in the field.

Experience Level: All

Instructor: Dan Rademacher

Understanding Yourself and Others

CEU: 0.8

Session 8



This course is devoted to a single perspective: You. This program focuses on your personality and the impact it has on your environment and interaction with others.

Experience Level: All

Instructors: Tim Schneider and Linda Florence

2012 IBC Structural Provisions

CEU: 0.8

Session 9



This course is a basic overview of the structural provisions of the 2012 *International Building Code*® (IBC®) and referenced standards, including ASCE/SEI 7-10, ACI 318-11, TMS 402-11/ACI 530-11/ASCE 5-11, AISC 360-10 and AWC NDS-2012. The course covers loads and load combinations, structural materials and special inspection requirements of the 2012 IBC.

Experience Level: All

Instructor: Sandra Hyde

2012 IBC Practical Occupancy Classification

CEU: 0.8

Session 10



This class is an interactive workshop that will discuss the characteristics of the various *International Building Code*® (IBC®) occupancy classifications in detail. Practical application will be emphasized through the utilization of the risk-based system to properly classify occupancies. Subtle differences between occupancy, use and function will be addressed. Attendees will be familiarized with the unique aspects of Group H occupancy classification. Countless detailed code requirements are based on occupancy classification. It is imperative that design professionals and code enforcement officials fully understand this important first step to building design and analysis. Applicable changes to the 2012 IBC will be reviewed in context with discussed provisions. **It is highly recommended that students attend all five classes in this course path as the instruction emphasizes the technical and philosophical relationships between the various major nonstructural, fire and life safety provisions found in the IBC®. Students should bring a 2012 IBC® and a calculator to the class.**

Experience Level: Advanced

Instructor: Greg Keith

SESSION DESCRIPTIONS

MONDAY 3/10 SESSIONS

Foreclosures and Abandonment: Understanding the Mortgage Servicing World, Impacts on Cities and Viable Solutions CEU: 0.8 Session 11



Foreclosures are impacting cities across the country and all of us are facing the brunt from abandonment. This up-to-date and highly interactive session will open the lines of communication between code enforcement officers and the ones responsible for maintaining vacant properties, creating a critical bridge for compliance. To make certain that everyone is on the same page, the panel will share an overview of how the mortgage servicing industry is following national maintenance guidelines and avoiding delays and noncompliance with local housing codes. Experts will share an outlook of current foreclosure rates and trends. Strategies and practices to manage contractors and quality control their work in 2013 will be discussed. Cities are now working more closely with mortgage servicers and their outreach efforts and case studies will be highlighted. Finally, the enhanced, new and creative solutions that are effectively working in many cities will be shared, which could save other jurisdictions valuable time and resources.

Experience Level: All

Instructor: TBD, Safeguard Properties

2012 IBC Use of Fire and Smoke Separations — Half Day AM CEU: 0.4 Session 12



This seminar identifies the many and varied conditions identified in the *International Building Code*® (IBC®) where fire and/or smoke separations are required. The discussion will focus on those required locations where fire-resistance-rated wall and horizontal assemblies, as well as smoke-resistive wall and horizontal assemblies, are either required by the IBC or utilized by design professionals as alternative approaches to code compliance. Such locations include the selective or mandated use of fire walls, fire barriers, fire partitions, smoke barriers, smoke partitions, horizontal assemblies and other separation elements.

Experience Level: Intermediate

Instructor: George Mann

2012 IBC Exterior Walls and Openings — Half Day PM CEU: 0.4 Session 13



This seminar addresses the various provisions in the *International Building Code*® (IBC®) dealing with exterior wall design and construction. Although such walls and their openings are primarily regulated due to their location on the lot, many other additional requirements are set forth in the code. Exterior bearing walls are regulated by Table 601, while the use of exterior exit stairways, exit courts and exterior areas of assisted rescue will also typically mandate some degree of fire resistance.

Experience Level: Intermediate

Instructor: George Mann

The Complete Permit Technician — Day One CEU: 0.8 Session 14

This two-day course is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic plan review, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, basic means of egress and dealing with difficult customers. The course is also beneficial for preparing for the Permit Technician Certification Exam. **Please bring a calculator, 2012 *International Building Code*® (IBC®), 2012 *International Zoning Code*® (IZC®), *Legal Aspects of Code Administration* and *Basic Code Enforcement*.**

Experience Level: All

Instructor: Steve Burger, City of Folsom, CA

SESSION DESCRIPTIONS

MONDAY 3/10 SESSIONS

Backflow Prevention Tester Training and Certification

CEU: 4.0

Session 15



At this 40-hour training, participants will be presented with the guidelines used for acceptable practices of testing backflow prevention devices. The participants will also learn the principles of cross-connection control and the methods and devices used to prevent backflow of undesirable substances into water distribution and plumbing systems carrying potable water. Upon completion

of the course, the participants will receive sufficient information and skills to pass the American Society of Sanitary Engineers (ASSE) examination.

The certification examination will be administered on the last day of the training. This consists of both a written and a hands-on examination. The exam for an initial tester certification consists of 100 questions. Presently, the initial certification candidate must demonstrate the field test procedure for a reduced pressure principle assembly, double-check valve assembly, pressure vacuum breaker assembly and spill-resistant vacuum breakers, without notes or assistance.

All candidates will know of successful practical test exam results at the time of the test. All written examinations are submitted to ASSE for grading, and certification credentials are generally provided within two to three weeks after the exam. These certification credentials will be mailed from the IAPMO Chicago Regional Office. If a certification candidate is not successful, a written notice will be provided from ASSE. **Participants registered must attend all five days. Class registration closes February 10, 2014. No late registrations allowed for certification reasons.**

Experience Level: All

Instructor: IAPMO/BPI

Book Fee: \$150.00

TUESDAY 3/11 SESSIONS

2012 IRC Fundamentals Building Provisions

CEU: 0.8

Session 16



This seminar examines critical concepts of the building and energy provisions located in Chapters 1 to 11 of the 2012 edition of the *International Residential Code*® (IRC®). It provides a basis for the correct use and application of the code and builds on an understanding of the intent of the code through practice with real-world examples.

Experience Level: All

Instructor: Steve Van Note

2014 NEC Analysis of Changes

CEU: 0.8

Session 17



This extensive and popular program analyzes the major changes to the *National Electrical Code*® (NEC®). Members of the 19 NEC code-making panels contributed to the development of the authoritative text, which covers more than 400 of the most significant changes and includes interpretations by the group that enforces the NEC. The full-color book that the seminar is based upon is loaded with illustrations, photos, and text that clearly identify and explain the changes and their impact.

Experience Level: Intermediate

Instructors: Chris Hunter and Randy Hunter

Book Fee: \$40

2012 IFC Fundamentals — Half Day AM

CEU: 0.4

Session 18



This seminar will introduce participants to the scope of the *International Fire Code*® (IFC®), with a focus on the most frequently applied provisions. Topics include: administrative requirements, occupancy classification, general precautions against fire, emergency planning and preparedness, fire service features, interior finish, decorative materials and furnishings, fire protection systems, means of egress and an introduction to hazardous materials.

Experience Level: All

Instructor: Scott Stookey

SESSION DESCRIPTIONS

TUESDAY 3/11 SESSIONS

Commercial Kitchen Hoods — Half Day PM

CEU: 0.4

Session 19



This seminar will address the applicable requirements in the 2012 *International Mechanical Code*® (IMC®), 2012 *International Fire Code*®, (IFC®), 2012 *International Fuel Gas Code*®, (IFGC®), 2012 *International Building Code*®, (IBC®) and 2012 *International Energy Conservation Code*® (IECC®) as applicable to commercial kitchen hoods. It emphasizes commercial hood and duct construction, when commercial hoods are required, what type of hood is required for different cooking appliances and air movement requirements for commercial cooking hoods.

Experience Level: Intermediate

Instructor: Kevin Scott

Understanding Fire-Resistance-Rated Construction — 2012 IBC

CEU: 0.8

Session 20



This course focuses on those elements of buildings that are required to be fire-resistance rated due to other provisions of the code. Based on the 2012 edition of the *International Building Code*® (IBC®), provisions applicable to all of the occupancies and construction types will be addressed. The seminar is applicable to all aspects of the regulatory/design/construction community, including building officials, fire officials, plans examiners, inspectors, design professionals and contractors. Major topics include: required fire-resistance-rated construction in the IBC; resources to verify fire-resistance-rated construction; fire walls; fire barriers and fire partitions; horizontal assemblies; shaft enclosures; fire doors and fire windows; penetrations and joints; fire dampers and smoke dampers; fireblocking and draftstopping.

Experience Level: Intermediate

Instructor: Steve Thomas

2012 IRC Combination Inspections

CEU: 0.8

Session 21



Provides new residential inspectors with basic techniques and an understanding of conducting inspections of one- and two-family dwellings and townhouse buildings. The discussion will include preparation, presentation and inspections of the building, plumbing, mechanical and electrical portions of a building.

Experience Level: Intermediate

Instructor: Gary Pringey

2012 IECC Commercial Fundamentals

CEU: 0.8

Session 22



This one-day session is designed for compliance staff and design professionals who wish to know the basic requirements of the commercial portion of the 2012 *International Energy Conservation Code*® (IECC®). The focus will be on the scope and administration of the code, Chapter 2 Definitions, Chapter 3 General Requirements, and good detail on Chapter 4 envelope, mechanical, service water heating, electrical power and lighting, and building commissioning sections. The session has been designed to provide a good primer for those plan reviewers and inspectors planning to take the ICC certification test and will include test review questions and discussions.

Experience Level: All

Instructor: Ken Baker

2012 UPC Inspection Workshop — Half Day AM

CEU: 0.4

Session 23



This workshop presents an opportunity for participants to test their code knowledge and learn from their peers. During the workshop, participants are placed into groups and are given drawings of plumbing installations and asked to determine if the systems and components are in compliance with the 2012 *Uniform Plumbing Code*® (UPC®). The findings are then presented to everyone in attendance to determine if they are correct and discuss any code issues discovered in the drawing.

Experience Level: All

Instructor: Dan Rademacher

SESSION DESCRIPTIONS

TUESDAY 3/11 SESSIONS

2012 UMC Inspection Workshop — Half Day PM

CEU: 0.4

Session 24



This workshop presents an opportunity for participants to test their code knowledge and learn from their peers. During the workshop, participants are placed into groups and are given drawings of mechanical installations and asked to determine if the systems and components are in compliance with the 2012 *Uniform Mechanical Code*® (UMC®). The findings are then presented to everyone in attendance to determine if they are correct and discuss any code issues discovered in the drawing.

Experience Level: All

Instructor: Dan Rademacher

Motivate and Inspire Your Team — Half Day AM

CEU: 0.4

Session 25



The key to successful leadership is to win the minds, hearts and spirit of those being led. The Tone Setting, Morale, and Motivation program attacks the primary principles of people-centered leadership by providing the skills needed to have people want to work for you. The individual connection from leader to team and how that relates to motivation, satisfaction and production is the primary focus of this unit.

Experience Level: All

Instructor: Tim Schneider

Delegation, Development and Empowering Team Members — Half Day PM

CEU: 0.4

Session 26



Empowerment, Delegation and Development is the powerful tool and skill set that takes coaching beyond feedback and into team growth and enhanced personal leadership effectiveness. The initial focus of this program is to overcome the common obstacles associated with delegation and transform simple task delegation into an empowerment process. The transition to empowerment is important in succession planning, developing team members and creating a truly high-performance environment. The program will also contrast the difference between empowered delegation and the dumping of unimportant and unwanted tasks.

Experience Level: All

Instructor: Tim Schneider

Special Inspector Certification Renewal Update

CEU: 0.8

Session 27



Designed as a certification renewal update for special inspectors, this seminar is tailored to the scope of ICC's six special inspector certification programs: Reinforced Concrete, Pre-stressed Concrete, Structural Masonry, Structural Steel and Bolting, Structural Welding and Spray-Applied Fireproofing. This seminar is based on the 2012 *International Building Code*® (IBC®) and referenced material standards and focuses on how the 2012 IBC will affect the job tasks of the special inspector. Seminar topics include: ICC National Certification

Program; national recognition for special inspectors; overview of the ICC Special Inspector Certification Maintenance Program; and overview of the 2012 special inspection provisions and related material standards, including new duties and responsibilities for the special inspector. This seminar will satisfy 0.8 continuing education units (CEUs) of the total required CEUs for special inspector certification renewal.

Experience Level: Intermediate

Instructor: Jerry Neville

2012 IBC Occupancy-Based Design Requirements

CEU: 0.8

Session 28



This class is an interactive workshop that will demonstrate the system of determining those major nonstructural code requirements that are based on occupancy classification. Location on property requirements, including exterior wall fire-resistance rating and opening protective requirements based on fire separation distance, will be discussed in detail. Mixed occupancy design options for single- and multistory applications will be demystified. Allowable area determination based on permitted frontage, sprinkler and separate building increases will be stressed. Allowable height determination procedures will also be addressed. Comprehensive practical exercises will reinforce the technical relationships between the various occupancy-based design requirements. Applicable changes to the 2012 *International Building Code*® (IBC®) will be reviewed in context with discussed provisions. **It is highly recommended that students attend all five classes in this course path as the instruction emphasizes the technical and philosophical relationships between the various major nonstructural, fire and life safety provisions found in the IBC®. Students should bring a 2012 IBC® and a calculator to the class.**

Experience Level: Advanced

Instructor: Greg Keith

SESSION DESCRIPTIONS

TUESDAY 3/11 SESSIONS

New Technologies in Code Enforcement — Half Day AM

CEU: 0.4

Session 29



New technology can make the job of code enforcement more effective and efficient if it is understood and compatible with technology already in place. This course will review technologies currently used by code enforcement officers, new technologies available for use, how to justify acquisition of technology for code enforcement and how to use technology for the maximum benefit of your local jurisdiction.

Experience Level: All

Instructor: Marcus Kellum, Dekalb County, Georgia

Code Enforcement Procedures for Officers and Inspectors — Half Day PM

CEU: 0.4

Session 30



The role of the code enforcement officer or inspector in a municipality is one of respect and confidence. Effectiveness depends on proper procedures, practices and policies, as well as a willingness by the regulatory staff to be professional at all times, and protect the public's interest. This class is designed to reflect knowledge of how code enforcement officers and inspectors can integrate best practices into their service delivery.

Segments of the training will include the concept of creating an "Action Register" to track important tasks and deliverables. To manage work more efficiently, the Code Enforcement Continuum will be introduced as a tool to determine the level of enforcement necessary to close the case. Instructional segments will have a variety of methods used throughout to make the learning experience active, enjoyable and memorable.

Experience Level: All

Instructor: Marcus Kellum, Dekalb County, Georgia

2012 IFC Flammable Finishes

CEU: 0.8

Session 31



Upon completion of this seminar, participants will have a basic understanding of the hazards and the requirements for various flammable finishing activities based on the provisions in the 2012 *International Fire Code*® (IFC®), 2012 *International Mechanical Code*® (IMC®), and the 2011 *National Electrical Code*® (NEC®).

Experience Level: Intermediate

Instructor: Terrell Stripling

The Complete Permit Technician — Day Two

CEU: 0.8

Session 14

Day 2 of a two-day course that begins on Monday, 03/10. This course is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic plan review, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, basic means of egress and dealing with difficult customers. The course is also beneficial for preparing for the Permit Technician Certification Exam. **Please bring a calculator, 2012 *International Building Code*® (IBC®), 2012 *International Zoning Code*® (IZC®), *Legal Aspects of Code Administration* and *Basic Code Enforcement*.**

Experience Level: All

Instructor: Steve Burger, City of Folsom, CA

WEDNESDAY 3/12 SESSIONS

2012 International Residential Code Update — Half Day AM

CEU: 0.4

Session 32



This seminar introduces participants to the major changes from the 2009 to the 2012 editions of the *International Residential Code*® (IRC®) with an emphasis on the changes contained in Chapters 1-11. Information presented will allow participants to apply these new code requirements to design, plan review and/or inspection.

Experience Level: Intermediate

Instructor: Steve Van Note

SESSION DESCRIPTIONS
WEDNESDAY 3/12 SESSIONS

2012 International Building Code Update — Half Day PM

CEU: 0.4

Session 33



This seminar introduces participants to the major changes from the 2009 to the 2012 editions of the *International Building Code*® (IBC®) with an emphasis on the changes contained in Chapters 1-11. The program will address not only the specifics of the changes, but also the reasons for the changes.

Experience Level: Intermediate

Instructor: Doug Thornburg

Electrical Calculations Workshop

CEU: 0.8

Session 34



Through this seminar, attendees will have a better understanding of the calculations required by the *National Electrical Code*® (NEC®) and how to properly apply them in real-world settings. The course uses examples and student participation. This session will increase the student's ability to focus on the information contained in the NEC and to apply the NEC to actual field installations. Both commercial and residential calculations will be included, covering basic electrical calculations, conductor sizing, load calculations, conduit sizing and more.

Experience Level: Intermediate

Instructors: Chris Hunter and Randy Hunter

Book Fee: \$40

2012 IFC Performing Commercial Fire Inspections

CEU: 0.8

Session 35



This seminar focuses on the process of conducting commercial fire inspections based on the provisions of the 2012 *International Fire Code*® (IFC®). Specifically, the seminar provides participants with checklists that enable those performing commercial fire inspections to determine whether the materials, design, construction, installation and location of building components comply with the code.

Experience Level: Intermediate

Instructor: Kevin Scott

IBC Building Areas, Fire Areas and Mixed Occupancies

CEU: 0.8

Session 36



This seminar provides a comprehensive discussion of the major compartmentalization concepts of the 2012 *International Building Code*® (IBC®), focusing on those requirements that deal with building size, sprinkler options and mixed-use buildings. Fire-resistance-rated construction is also addressed. This class will include topics on allowable areas, area increases, unlimited area buildings, fire area concept and construction, incidental/accessory use areas and separated/nonseparated uses.

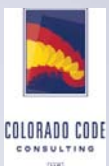
Experience Level: Intermediate

Instructor: Steve Thomas

Combination Inspection of Commercial Structures

CEU: 0.8

Session 37



Provides commercial inspectors with basic techniques and a better understanding of conducting inspections of small commercial buildings. Discussion will include preparation, presentation and inspection of the structural, plumbing, mechanical and electrical portions of a building. This course will provide the steps, tools and processes required to complete a comprehensive inspection of a structure. It will also increase your awareness of the necessary requirements to ensure code compliance of the structures built in your jurisdiction.

Experience Level: Intermediate

Instructor: Gary Pringey

ASHRAE 90.1-2010 Fundamentals

CEU: 0.8

Session 38



This one-day session is designed for compliance staff and design professionals who wish to know the basic requirements of the ASHRAE Standard 90.1-2010 that is referenced as an alternative method of compliance with the commercial portion of the 2012 *International Energy Conservation Code*® (IECC®). The focus will be on the scope and administration of the standard, Section 3 Definitions, Section 5 Building Envelope, Section 6 HVAC, Section 7 Service Water Heating and Section 9 Lighting.

Experience Level: All

Instructor: Eric Makela

SESSION DESCRIPTIONS

WEDNESDAY 3/12 SESSIONS

Mechanical Residential and Commercial Combination Inspections

CEU: 0.8

Session 39



This seminar features a “how-to” discussion of mechanical inspections for residential and commercial buildings. Participants will learn the fundamental steps and processes in performing these types of inspections as well as numerous tips and techniques to help inspectors be more thorough and accurate. Upon completion, students will have a better understanding of definitions, general requirements, ventilation, exhaust, ducts, combustion air, boilers and refrigeration.

Experience Level: Intermediate to Advanced

Instructor: John Jordan

Stress Management and Mitigation — Half Day AM

CEU: 0.4

Session 40



This seminar provides an important set of coping and relating skills for the modern working environment. With more demands on all levels in an organization and less time available to complete required functions, stress is everywhere. The program will focus on where stress originates, why we react in certain ways and compound stress, and how to reduce and avoid stress where possible.

Experience Level: All

Instructor: Linda Florence

Dealing with Difficult People — Half Day PM

CEU: 0.4

Session 41



Dealing with Difficult People is the ultimate program to learn how to deal with caustic, unmotivated, disengaged, arrogant, mean and just plain difficult humans. Difficult people come in all aspects of professional life. They can be customers, co-workers or team members. They can even be your boss. The first step in Dealing with Difficult People is to identify the common types and hybrids of difficult people and then move into understanding the motivations and reasons that people become difficult.

Experience Level: All

Instructor: Linda Florence

2012 IBC Structural Loads – Wind – Half Day AM

CEU: 0.4

Session 42



This seminar reviews the details of developing wind loads using the 2012 *International Building Code*® (IBC®) and the various wind load procedures in ASCE/SEI 7-10, *Minimum Design Loads for Buildings and Other Structures*. An overview of the methods used to determine wind loads in ASCE/SEI 7-10 for main-wind-force resisting systems and components and cladding is included, as well as a discussion of the significance of the changes in ASCE/SEI 7-10 for the design of buildings.

Experience Level: Intermediate

Instructor: Sandra Hyde

2012 IBC Structural Loads – Seismic – Half Day PM

CEU: 0.4

Session 43



This seminar reviews the details of developing seismic load effects using the 2012 *International Building Code*® (IBC®) and ASCE/SEI 7-10, *Minimum Design Loads for Buildings and Other Structures*. The course topics include: structural integrity, site class, risk category, mapped spectral response accelerations, design spectral response accelerations, and seismic design category. Discussion of load combinations including the seismic load equations of Chapters 12 and 13 is included.

Experience Level: Intermediate

Instructor: Sandra Hyde

SESSION DESCRIPTIONS
WEDNESDAY 3/12 SESSIONS

2012 IBC Types of Construction Options

CEU: 0.8

Session 44



This class is an interactive workshop that will demonstrate the system for the determination of construction requirements based on type of construction. The differences between the various IBC types of construction categories will be discussed. Fire resistance, materials (noncombustible and combustible) and opening protection requirements will be emphasized. General high-rise and smoke control requirements will be discussed. Techniques as to how to select the proper type of construction for new construction and how to identify the type of construction for existing buildings will be stressed. Applicable changes to the 2012 *International Building Code*® (IBC®) will be reviewed in context with discussed provisions. **It is highly recommended that students attend all five classes in this course path as the instruction emphasizes the technical and philosophical relationships between the various major nonstructural, fire and life safety provisions found in the IBC®. Students should bring a 2012 IBC® and a calculator to the class.**

Experience Level: Advanced

Instructor: Greg Keith

Overview of the 2012 IPMC

CEU: 0.8

Session 45



This session is a general overview of the 2012 *International Property Maintenance Code*® (IPMC®) and the requirements contained therein. A period will follow in which participants will have the opportunity to put forth issues currently impacting them and the techniques they are utilizing to bring about compliance. Additionally, participants will have the opportunity to ask questions concerning current code enforcement issues and best management practices.

Experience Level: All

Instructor: Roy Fyffe, Texas Code Consulting

2012 IBC Inspection of Fire-Resistance-Rated Walls

CEU: 0.8

Session 46



This seminar deals with the application of *International Building Code*® (IBC®) Chapter 7 related to the construction and protection of rated walls. The topics covered include identifying the five types of walls and their differences, including construction, continuity, marking and identification, as well as the protection requirements for penetrations, joint systems, ducts and air transfer openings, door and window openings. Additional discussion will look at the test standards used to evaluate the wall and protection systems, how to calculate the fire resistance for existing walls or archaic assemblies and the requirements for walls which serve multiple purposes.

Experience Level: Intermediate

Instructor: Jay Woodward

Legal Aspects of Code Administration

CEU: 0.8

Session 47



Provides code officials with guidelines for administering the legal aspects of codes with regard to enforcement, prosecution and maintenance. In this course participants will discuss historical consequences of ignoring the regulation of building construction and materials, and learn how to interpret and apply local government, state and federal legislative laws pertaining to the administration and enforcement of a building code. Participants will also be able to define and apply concepts that are legally important to the administration and enforcement of a building code, and establish or document rules of procedure used before a board of building code appeals. By using the guidelines presented in the course, participants will learn how to effectively testify in a court of law.

Experience Level: All

Instructor: Robert Church

THURSDAY 3/13 SESSIONS

2012 IRC Wood Wall Bracing

CEU: 0.8

Session 48



This seminar provides a comprehensive explanation of the 2012 *International Residential Code*® (IRC®) wood wall bracing requirements. The seminar will clarify the application of wall bracing provisions in the IRC wall bracing Sections R602.10 thru R602.12.

Experience Level: All

Instructor: Steve Van Note

Continued on page 14

TRACK	MONDAY MARCH 10	TUESDAY MARCH 11	WEDNESDAY MARCH 12	THURSDAY MARCH 13	FRIDAY MARCH 14
2012 I-CODES	2012 IBC Fundamentals	2012 IRC Fundamentals Building Provisions	2012 IRC Update	2012 IRC Wood Wall Bracing	2012 IECC Significant Changes
	Session 1 FULL DAY		Session 16 FULL DAY		
			2012 IBC Update		
			PM Session 33		
ELECTRICAL	Soares Grounding and Bonding	2014 NEC Analysis of Changes	Electrical Calculations Workshop	Electrical Requirements for Health Care Facilities, NEC Article 517	Photovoltaic: Plans Check to Inspection
	Session 2 FULL DAY	Session 17 FULL DAY	Session 34 FULL DAY	Session 49 FULL DAY	Session 67 FULL DAY
FIRE PROTECTION	Compressed Gases & Cryogenic Fluids	2012 IFC Fundamentals	2012 IFC Performing Commercial Fire Inspections	Residential Sprinkler Systems — NFPA 13D & 13R	Pyrotechnics & Special Effects
		AM Session 18			
		Commercial Kitchen Hoods			
	Session 3 FULL DAY	PM Session 19			
BUILDING INSPECTIONS	Assessment of Alternate Methods and Materials	Understanding Fire- Resistance-Rated Construction — 2012 IBC	IBC Building Areas, Fire Areas and Mixed Occupancies	IBC Existing Buildings	Tenant Improvement Aspects of A, B, & M Occupancies
		Session 4 FULL DAY	Session 20 FULL DAY	Session 36 FULL DAY	Session 51 FULL DAY
					AM Session 69
					PM Session 70
BUILDING PLAN REVIEW	2012 IRC Plan Review	2012 IRC Combination Inspections	Combination Inspection of Commercial Structures	Multifamily Construction and the 2012 IBC	2012 IBC Accessibility Update
		Session 5 FULL DAY	Session 21 FULL DAY	Session 37 FULL DAY	Session 52 FULL DAY
					Accessibility for Existing Buildings
					PM Session 72
ENERGY	2012 IECC Residential Fundamentals	2012 IECC Commercial Fundamentals	ASHRAE 90.1-2010 Fundamentals	Plan Review for the 2012 IECC Commercial	Meeting the Mechanical Sizing Requirements of the IECC
	Session 6 FULL DAY	Session 22 FULL DAY	Session 38 FULL DAY	Session 53 FULL DAY	Session 73 FULL DAY
PLUMBING AND MECHANICAL	UPC Water, Gas & DWV Sizing Seminar	2012 UPC Inspection Workshop	Mechanical Residential and Commercial Combination Inspections	2012 UPC & IPC Important Code Changes	2012 UMC Smoke, Fire and Ceiling Dampers
		AM Session 23			
		2012 UMC Inspection Workshop		2012 UPC Conventional, Solar, Alternative Water Heating Systems	2012 UMC Product Conveyance Systems
	Session 7 FULL DAY	PM Session 24		PM Session 55	PM Session 75

TRACK	MONDAY MARCH 10	TUESDAY MARCH 11	WEDNESDAY MARCH 12	THURSDAY MARCH 13	FRIDAY MARCH 14
LEADERSHIP AND MANAGEMENT	Understanding Yourself and Others	Motivate and Inspire Your Team AM Session 25	Stress Management and Mitigation AM Session 40	Decision Making and Ethics	Human Resource Issues for Managers and Supervisors AM Session 76
	Session 8 FULL DAY	Delegation, Development and Empowering Team Members PM Session 26	Dealing with Difficult People PM Session 41	Session 56 FULL DAY	Dealing with Change PM Session 77
STRUCTURAL	2012 IBC Structural Provisions	Special Inspector Certification Renewal Update	2012 IBC Structural Loads – Wind AM Session 42	Wood-Framed Shear Walls AM Session 57	2012 IBC Masonry Quality and Field Practices
	Session 9 FULL DAY	Session 27 FULL DAY	2012 IBC Structural Loads – Seismic PM Session 43	2012 IBC Structural Changes PM Session 58	Session 78 FULL DAY
ADVANCED IBC TOPICS	2012 IBC Practical Occupancy Classification Session 10 FULL DAY	2012 IBC Occupancy-Based Design Requirements Session 28 FULL DAY	2012 IBC Types of Construction Options Session 44 FULL DAY	2012 IBC Prescriptive Means-of-Egress Components Session 59 FULL DAY	2012 IBC Performance-Based Means-of-Egress Design Session 79 FULL DAY
CODE ENFORCEMENT	Foreclosures and Abandonment: Understanding the Mortgage Servicing World, Impacts on Cities and Viable Solutions	New Technologies in Code Enforcement AM Session 29	Overview of the 2012 IPMC Session 45 FULL DAY	Subconscious Communication – Is the Way You Communicate Helping or Hindering Your Performance AM Session 60	The Sovereign Citizen – “Government Agencies Don’t Have Authority Over Me.” AM Session 80
	Session 11 FULL DAY	Code Enforcement Procedures for Officers and Inspectors PM Session 30		Safety & Awareness: If Your “Normal” Day Goes Bad, Do You Have the Skills to Survive It? PM Session 61	Remarkable Service – Remarkable Results PM Session 81
FIRE RESISTANCE CONSTRUCTION	2012 IBC Use of Fire and Smoke Separations AM Session 12	2012 IFC Flammable Finishes Session 31 FULL DAY	2012 IBC Inspection of Fire-Resistance-Rated Walls Session 46 FULL DAY	2012 IBC Inspection of Fire-Resistance-Rated Floors, Ceilings, & Roofs AM Session 62	2012 IFC Flammable & Combustible Liquids Session 82 FULL DAY
	2012 IBC Exterior Walls and Openings PM Session 13			2012 IBC Interior Finishes & Foam Plastics PM Session 63	
PERMITS AND ADMINISTRATION	The Complete Permit Technician Day 1	The Complete Permit Technician Day 2	Legal Aspects of Code Administration Session 47 FULL DAY	2012 IBC Special Building Types and Features AM Session 64	Effective Supervisory Practices Session 83 FULL DAY
	Session 14 FULL DAY	Session 14 FULL DAY		2012 IBC Assembly Means of Egress PM Session 65	
BACKFLOW	Backflow Prevention Tester Training and Certification ALL WEEK PROGRAM Session 15 FULL DAY				
EduCode EXPO	EXPO & Book Stores Open 7:00 AM to 5:00 PM	EXPO & Book Stores Open 7:00 AM to 5:00 PM Student Appreciation Open 5:00 PM to 7:00 PM	EXPO & Book Stores Open 7:00 AM to 5:00 PM	EXPO & Book Stores Open 7:00 AM to 5:00 PM	EXPO & Book Stores Open 7:00 AM to 5:00 PM

SESSION DESCRIPTIONS
THURSDAY 3/13 SESSIONS

Electrical Requirements for Health Care Facilities, NEC Article 517

CEU: 0.8

Session 49



Requirements for electrical installations in health care facilities are covered in this seminar. This presentation will establish a thorough understanding of the technical and code requirements contained in *National Electrical Code*® (NEC®) Article 517. Introductory information is provided about the basic requirements and structure of NFPA 99, *Standard for Health Care Facilities* and the history of how Article 517 evolved in the NEC. This seminar, which is presented in easily understood language, is a must for those who wish to keep informed and increase their expertise in the specific requirements involved in the health care environment.

Experience Level: Intermediate

Instructors: Randy Hunter and Howard Herndon

Residential Sprinkler Systems – NFPA 13D & 13R

CEU: 0.8

Session 50



This seminar will address the design and installation requirements of NFPA 13D, *Standard for Installation of Sprinklers in One- and Two-Family Dwellings and Manufactured Homes*, 2007 edition, including water supply requirements, along with new requirements in the 2010 edition of NFPA 13D. The program will include an overview of the new requirements for residential sprinklers provided in the recently adopted requirements of the *International Residential Code*® (IRC®). We will also highlight the differences in design requirements and water supplies for residential sprinkler systems designed to the NFPA 13R and NFPA 13 standards.

Participants should bring or be prepared to purchase a copy of NFPA 13D on site. It will also be helpful to have NFPA 13R and 13 on hand. A hand-held calculator with [$\sqrt{\quad}$], [Yx] or [\wedge] (exponential) functions will also be needed.

Experience Level: All

Instructor: Russ Leavitt

IBC Existing Buildings

CEU: 0.8

Session 51



This seminar addresses the relationship of Chapter 34 of the 2012 *International Building Code*® (IBC®) to existing buildings. The seminar focuses on the fundamental requirements on an existing structure that undergoes repair work, alteration, renovation activity or construction of an addition, and the effect of a change in the building's occupancy classification. Discussion will also include the "Performance Compliance Alternatives" method of evaluating a building.

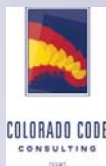
Experience Level: Intermediate

Instructor: Steve Thomas

Multifamily Construction and the 2012 IBC

CEU: 0.8

Session 52



An overview of the requirements for multifamily dwellings in the 2012 edition of the *International Building Code*® (IBC®). Type V-A construction may be the most difficult type of construction to build a structure by. This seminar discusses the design, review and inspection of Group R-2 occupancies, including building planning, fire-resistive-rated construction, fire protection requirements and means of egress requirements.

Experience Level: Intermediate

Instructor: Gary Pringey

Plan Review for the 2012 IECC Commercial

CEU: 0.8

Session 53



This interactive one-day session will provide an overview of the plan review process for determining compliance with the commercial portion of the 2012 *International Energy Conservation Code*® (IECC®). Class participants will work through a plan review of a commercial building starting with scope and application and going through plan review for the building envelope, HVAC, service water heating and lighting requirements of the code. Participants will need to bring a calculator, architectural scale and a set of commercial building plans (for new building) that includes architectural, HVAC, lighting (both interior and exterior) and water heating that can be used for the plan review exercise.

Experience Level: Intermediate

Instructor: Eric Makela

SESSION DESCRIPTIONS
THURSDAY 3/13 SESSIONS

2012 UPC & IPC Important Code Changes – Half Day AM

CEU: 0.4

Session 54



In this seminar, participants will learn about the notable changes between the 2012 *Uniform Plumbing Code*® (UPC®) and *International Plumbing Code*® (IPC®) and earlier editions. Accordingly, the changes are noted during the seminar and supporting information about the changes is provided. General topics such as administration, definitions and general requirements are covered as well as specific topics that include water heaters, water supply and distribution, traps and interceptors, health care facilities and medical gas, and vacuum systems.

Experience Level: All

Instructor: John Jordan

2012 UPC Conventional, Solar, Alternative Water Heating Systems – Half Day PM

CEU: 0.4

Session 55



This seminar discusses the code provisions governing water heater installations as contained in Part I of Chapter 5 of the 2012 *Uniform Plumbing Code*® (UPC®). Specific topics covered will include types of water heaters, specific installation requirements, bedroom and bathroom installations, vent methods of terminations and clearances, methods of providing combustion and ventilation air, enclosures, and clearance reduction methods for regular water heater installations, solar water heater installations and other alternative water heating systems.

Experience Level: All

Instructor: John Jordan

Decision Making and Ethics

CEU: 0.8

Session 56



Often described as natural or intuitive, decision making and judgment are important leadership traits and skills. This program will guide participants through a series of triage work to determine the level of decision being made, the potential consequences of the decision, when to seek collaboration and when to make the decisions as a leader. Additionally, the program looks at the pitfalls of delegating decision-making upwardly and the appearance of indecisiveness. The balance between the right amount of information, being rash and making a decision are also covered in detail. The final element of this section of the program will be to develop decision-making systems that eliminate bottlenecks and greatly reduce micromanagement.

Experience Level: All

Instructors: Tim Schneider and Linda Florence

Wood-Framed Shear Walls — Half Day AM

CEU: 0.4

Session 57



This course discusses the purpose of shear walls and reviews their design and use in light-frame wood construction using the 2012 *International Building Code*® (IBC®), 2008 *Special Design Provisions for Wind and Seismic* (2008 SDPWS) and 2012 *National Design Standard*® (NDS®). Topics include shear wall design, diaphragms, chords, collectors and anchorage and determining when prescriptive braced wall panels vs. engineered shear walls are used.

Experience Level: Intermediate

Instructor: Sandra Hyde

2012 IBC Structural Changes – Half Day PM

CEU: 0.4

Session 58



This seminar is an overview of the significant structural changes to the 2012 *International Building Code*® (IBC®) and referenced standards, including ASCE/SEI 7-10, ACI 318-11, TMS 402-11/ACI 530-11/ASCE 5-11, AISC 360-10 and AF&PA NDS-2012. Topics include load combinations, live loads, determination of wind load, wind and seismic maps, atmospheric ice loads, special inspection and ACI 318 modifications.

Experience Level: Intermediate

Instructor: Sandra Hyde

SESSION DESCRIPTIONS
THURSDAY 3/13 SESSIONS

2012 IBC Prescriptive Means-of-Egress Components

CEU: 0.8

Session 59



An interactive workshop that will discuss in detail the prescriptive construction requirements for the various components intended to support a given means-of-egress design. All means-of-egress components from doors to horizontal exits will be addressed. How various exit access components, exit components and exit discharge components are used to satisfy certain means-of-egress design requirements will be discussed. Applicable changes to the 2012 *International Building Code*® (IBC®) will be reviewed in context with discussed provisions. **It is highly recommended that students attend all five classes in this course path as the instruction emphasizes the technical and philosophical relationships between the various major nonstructural, fire and life safety provisions found in the IBC®. Students should bring a 2012 IBC® and a calculator to the class.**

Experience Level: Advanced

Instructor: Greg Keith

Subconscious Communication – Is the Way You Communicate Helping or Hindering Your Performance — Half Day AM

CEU: 0.4

Session 60



Our perceptions, beliefs, fears or body language can create communication pathways or barriers. The way we communicate creates either an open dialog with those to whom we are speaking or barriers and walls. As code enforcement professionals, it is imperative that we have the skills to maneuver through the land mines when communicating with those under enforcement of the laws in our jurisdictions. Through effective conscious and subconscious communication styles, we can create a positive outcome in a potentially negative or hostile situation.

Experience Level: All

Instructor: Matthew Christianson, City of Austin, TX

Safety & Awareness: If Your “Normal” Day Goes Bad, Do You Have the Skills to Survive It? — Half Day PM

CEU: 0.4

Session 61



We are all challenged by stress, routine job duties, mundane tasks and, sometimes, complacency because we fall into patterns while performing our jobs. If your normal day goes bad are you prepared? Can you recognize potential dangers and navigate through them? Do you have the skills to deal with dangerous situations and go home that night? Safety and awareness will give you the tools necessary to adapt and overcome the dangers that can arise when your “normal” day goes bad.

Experience Level: All

Instructor: Matthew Christianson, City of Austin, TX

2012 IBC Inspection of Fire-Resistance-Rated Floors, Ceilings, & Roofs — Half Day AM

CEU: 0.4

Session 62



This course deals with the application of *International Building Code*® (IBC®) Chapter 7 related to the construction and protection of rated horizontal assemblies. The topics covered include understanding the differences between floor, floor/ceiling and roof/ceiling assemblies, as well as the protection requirements for penetrations, joint systems, ducts and air transfer openings in each of the separate elements. Additional discussion will look at the test standards used to evaluate the assembly and protection systems and how those protection systems are limited or could be compromised if not installed as tested.

Experience Level: Intermediate

Instructor: Jay Woodward

2012 IBC Interior Finishes and Foam Plastics — Half Day PM

CEU: 0.4

Session 63



Focused primarily on Chapter 8, this seminar addresses the allowances and limitations of various finish materials installed on floors, walls and ceilings. In addition, the provisions dealing with the use of foam plastic insulation are examined in detail. The discussion includes the review of a number of test standards applicable to various finish conditions.

Experience Level: Intermediate

Instructor: Terrell Stripling

SESSION DESCRIPTIONS

THURSDAY 3/13 SESSIONS

2012 IBC Special Building Types and Features — Half Day AM

CEU: 0.4

Session 64



Based on selected provisions from Chapter 4, this seminar focuses on several special building types and features. High-rise buildings, underground buildings and parking garages are specialized buildings that have their own unique considerations. Atriums, stages and platforms are building features that are evaluated in a special manner due to the hazards involved. The special detailed requirements and allowances set forth throughout Chapter 4 address a variety of uses and occupancies.

Experience Level: Intermediate

Instructor: Doug Thornburg

2012 IBC Assembly Means of Egress — Half Day PM

CEU: 0.4

Session 65



Focusing on Section 1028 of the 2012 *International Building Code*® (IBC®), this seminar identifies those means of egress provisions specific to assembly buildings and assembly spaces. The hazards associated with large numbers of occupants in concentrated areas are specifically addressed through the special requirements of Section 1028. The seminar also includes a discussion of ICC 300, *Standard for Bleachers, Folding and Telescoping Seating, and Grandstands*.

Experience Level: Intermediate

Instructor: Jay Woodward

FRIDAY 3/14 SESSIONS

2012 IECC Significant Changes

CEU: 0.8

Session 66



This seminar addresses the significant changes from the 2009 to the 2012 editions of the *International Energy Conservation Code*® (IECC®). The discussion addresses changes in the code's organization and requirements, as well as the applicability of the requirements to design, plan review and inspection.

Experience Level: Intermediate

Instructor: Bill Hudson

Photovoltaic: Plans Check to Inspection

CEU: 0.8

Session 67



Code enforcement for solar photovoltaic systems is rapidly evolving as available technology expands and evolves with the need for renewable energy sources. This seminar will focus on Article 690 of the *National Electrical Code*® (NEC®) and the requirements for inspecting and installing photovoltaic systems. This course will review the inspection process for photovoltaic system installations from plans check to final inspections, and will include information on connection to the service, conductor selection, ampacity calculations, overcurrent protection and disconnect requirements.

Experience Level: Intermediate

Instructor: Rhonda Parkhurst

Pyrotechnics & Special Effects

CEU: 0.8

Session 68



This class will cover aspects of NFPA 1123, 1126, 160 and an outdoor demonstration to increase the understanding of aerial display fireworks, flame effects and use of these devices before an audience. NFPA 1123 concentrates on the operation of outdoor fireworks displays, including enhancements to audience separation distances. It also addresses new technology of electrically firing outdoor displays. NFPA 1126 was developed to provide guidance to public safety officials for the safe use of pyrotechnic special effects at both indoor and outdoor locations. NFPA 160 is specific to flame effects and is the standard to provide requirements for reasonable protection for viewing audiences and the performers of flame effects.

Experience Level: All

Instructor: Paul Gaffney

SESSION DESCRIPTIONS

FRIDAY 3/14 SESSIONS

Tenant Improvement Aspects of A, B & M Occupancies — Half Day AM

CEU: 0.4

Session 69



Identifies *International Building Code*® (IBC®) provisions applicable to the design and construction of tenant space improvements. The discussion addresses the three most common types of uses: business, mercantile and assembly. It emphasizes options available in the code for gaining compliance. Discussion includes occupancy separations and fire areas, type of construction features, fire-resistance-rated construction, interior finish materials, fire protection features, means of egress components and means of egress design.

Experience Level: Intermediate

Instructor: Gary Pringey

Continued Use and Re-Use of Existing Buildings — Half Day PM

CEU: 0.4

Session 70



Addresses the relationship of the *International Building Code*® (IBC®) to existing buildings, as well as the use of the *International Existing Building Code*® (IEBC®). Focuses on the fundamental requirements of IBC Chapter 34 that are placed on an existing structure that undergoes repair work, alteration, renovation activity or construction of an addition, and the effect of a change in the building's occupancy classification. Discusses the "compliance alternatives" method of Section 3409. Topics include regulations of additions, alterations and repairs, changes of occupancy considerations, compliance alternatives and application of the IEBC.

Experience Level: Intermediate

Instructor: Gary Pringey

2012 IBC Accessibility Update — Half Day AM

CEU: 0.4

Session 71



Overview of major changes pertaining to accessibility from the 2009 to the 2012 editions of the *International Building Code*® (IBC®) 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 departments and the Americans with Disabilities Act (ADA) Accessibility Guidelines.

Experience Level: Intermediate

Instructor: Steve Thomas

Accessibility for Existing Buildings — Half Day PM

CEU: 0.4

Session 72



Devoted to advanced accessibility requirements using the *International Building Code*® (IBC®) and ICC/ANSI A117.1. Topics will include scoping for compliance paths for existing buildings, and Accessible, Type A and Type B residential requirements. New design methods not fully addressed by the IBC will also be discussed. The class will provide Federal accessibility background to help designers, building officials and inspectors negotiate the maze of regulations and their base intent in the IBC.

Experience Level: Advanced

Instructor: Steve Thomas

Meeting the Mechanical Sizing Requirements of the IECC

CEU: 0.8

Session 73



This full-day class is a must for all jurisdictional plans examiners, mechanical contractors and design professionals. It will include an in-depth review of the sizing requirements of ACCA Manuals J, D and S; the derivation of climate zones and their effect on the performance of residential buildings; and the practical use of software based on Manual J to ensure residential HVAC systems are designed to maximum efficiency.

Experience Level: Intermediate

Instructor: Gill Rossmiller

2012 UMC Smoke, Fire and Ceiling Dampers — Half Day AM

CEU: 0.4

Session 74



Although the Building Code prescribes where dampers are required, it is usually up to the mechanical contractor to install them. Common mistakes made in the improper application and installation of these dampers will also be discussed. It is the mechanical inspector's responsibility to verify correct installation per the UMC and the installation instructions. These requirements and how to check for compliance are also covered.

Experience Level: All

Instructor: Roger Fuller

SESSION DESCRIPTIONS

FRIDAY 3/14 SESSIONS

2012 UMC Product Conveying Systems — Half Day PM

CEU: 0.4

Session 75



This comprehensive seminar provides a more detailed review and discussion including: environmental air ducts, product conveying, commercial hoods, kitchen ventilation, flammable vapor or fumes, spray booths, wood working shops, fertilizer processing contained areas, domestic range vents, dryer exhaust ducts, heat recovery ventilators and termination of environmental air ducts.

Experience Level: All

Instructor: Roger Fuller

Human Resource Issues for Managers and Supervisors — Half Day AM

CEU: 0.4

Session 76



This course is designed to provide basic and summary information about the common legal and compliance challenges facing organizations and human resource professionals. From a practical approach, this unit provides the necessary information to ensure compliance and avoid some common pitfalls in legal employment issues.

Experience Level: All

Instructor: Linda Florence

Dealing with Change — Half Day PM

CEU: 0.4

Session 77



The one constant at work and in our lives is change. Everything and everyone changes. Sometimes it appears that the world is in a constant state of flux. Dealing with Change provides the skills needed to accept and embrace change and work successfully in a changing environment. Beginning with understanding the reasons for change, this program guides participants through the typical change cycle and how people stress, cope and eventually adapt and perform.

Experience Level: All

Instructor: Tim Schneider

2012 IBC Masonry Quality and Field Practices

CEU: 0.8

Session 78



This course provides inspectors, special inspectors and contractors with the basic concepts of quality reinforced structural masonry construction and materials. Topics include inspection, quality control, masonry units and reinforcement. Discussion activities will help the learner to incorporate the course content into their work back on the job.

Experience Level: Intermediate

Instructor: John Chrysler

2012 IBC Performance-Based Means-of-Egress Design

CEU: 0.8

Session 79



This class is an interactive workshop that will describe how to design a means-of-egress system based on Chapter 10 requirements. The performance-based aspect of means-of-egress design that is intended to accommodate various building configurations will be emphasized. The “three-part” means-of-egress system provisions will be discussed in detail. The differences between capacity-based and occupant tenability-based design requirements will be explained. Comprehensive practical exercises will reinforce the “system” of proper means of egress design. Applicable changes to the 2012 *International Building Code*® (IBC®), to include exit and exit access stairway provisions, will be reviewed in context with discussed material. **It is highly recommended that students attend all five classes in this course path as the instruction emphasizes the technical and philosophical relationships between the various major nonstructural, fire and life safety provisions found in the IBC®. Students should bring a 2012 IBC® and a calculator to the class.**

Experience Level: Advanced

Instructor: Greg Keith

SESSION DESCRIPTIONS

FRIDAY 3/14 SESSIONS

The Sovereign Citizen – “Government Agencies Don’t Have Authority Over Me.” — Half Day AM

CEU: 0.4

Session 80



The sovereign citizen movement is on the rise. It is important that we as public servants know the background and mind set of this type of individual in order to protect ourselves from hostile situations that could lead to injuries or worse. Today’s course will introduce you to the sovereign citizen. You will learn to recognize the telltale signs that may identify this type of individual and the methods that may be used against government authorities to avoid enforcement of ordinances and laws.

Experience Level: All

Instructor: Matthew Christianson, City of Austin, TX

Remarkable Service-Remarkable Results – Half Day PM

CEU: 0.4

Session 81



Your customers honed their expectations at places like Nordstroms and Starbucks. How will you deliver? How do you create a positive customer experience each time? During this workshop you’ll learn how to create a customer-focused environment. You’ll leave with the tools and tasks to create delighted customers.

Experience Level: All

Instructor: Maryellen Ferring

2012 IFC Flammable and Combustible Liquids

CEU: 0.8

Session 82



This course provides a basic understanding of the flammable and combustible liquids storage, use, dispensing, handling and mixing requirements in Chapter 57 of the 2012 *International Fire Code*[®] (IFC[®]) and NFPA 30, *Flammable and Combustible Liquids Code*.

Experience Level: Intermediate

Instructor: Terrell Stripling

Effective Supervisory Practices

CEU: 0.8

Session 83

This course is designed for all levels of supervisors who want to become more effective managers, as well as for those who have been recently appointed or are working toward being promoted to supervisory positions in either a public or private agency.

Experience Level: All

Instructor: Steve Forst

The ORLEANSSM

REGISTRATION INFORMATION

Registration fees include: Instruction, reference materials or books (when applicable and unless otherwise noted), lunch and break refreshments. Codes and other reference books are NOT provided and are the responsibility of the student. For your convenience, code books and other reference materials may be purchased from the International Code Council (ICC) on-site bookstore during the conference. Please review the session descriptions for required reference materials or supplies.

REGISTRATION COSTS

SAVE MONEY — REGISTER EARLY

Early Registration

\$800 - Full Five Day Week per Registrant*

\$200 - Per Day or Session

Early Registration ends on February 21, 2014

Late or On-site Registration

\$1000 - Full Five Day Week per Registrant*

\$250 - Per Day or Session*

*Includes books/materials unless noted in class description

REGISTRATION METHODS

1. REGISTER ONLINE

The Code Council's secure website:

www.iccsafe.org/training.

Follow the easy online directions.

2. REGISTER BY MAIL

Complete the registration form on the next page and mail to:

EduCode Registrar

International Code Council

Chicago District Office

4051 West Flossmoor Road

Country Club Hills, Illinois 60478

3. EDUCODE HELP LINE

Contact the Code Council at 1-888-422-7233, ext. 33818 or

jfranklin@iccsafe.org

CONFIRMATION

Registration confirmation will be sent by EduCODE within two days of receipt of registration.

CANCELLATION POLICY

If you need to cancel, EduCODE must receive notification in writing by March 3, 2014 for you to receive a full refund. All refund requests after this date will be credited toward future EduCODE conference attendance.

CONFERENCE LOCATION

The Orleans Hotel & Casino

Mezzanine Level

4500 W. Tropicana Avenue

Las Vegas, Nevada

1-800-675-3267

ROOM RESERVATIONS

Room reservations must be made by February 7, 2014. Please call 1-800-675-3267 and identify yourself as an attendee of **EduCODE 2014** to obtain discounted room rates, as follows:

\$96 Saturday night, 3/08/2014

\$39 Sunday through Thursday, 3/09/2014—3/13/2014

\$96 Friday & Saturday nights, 3/14/2014 & 3/15/2014

You may also contact The Orleans online at:

www.orleanscasino.com/groups

Please be sure to provide the
EduCODE Group Code 4EDUC03

**DON'T FORGET TO BOOK YOUR ROOM BY
February 7, 2014.**

SUBSTITUTIONS

Whenever a registrant is unable to attend a paid class session, a request for substitution may be made by contacting ICC at 1-888-422-7233, ext. 33818. Requests after February 21, 2014, must be made in person at the EduCODE Conference Registration Booth.

CONTINUING EDUCATION INFORMATION

All EduCODE sessions are recognized by ICC for CEUs towards maintenance of your ICC certifications. Check with your local licensing board for additional CEU requirements.

EDUCODE EVENTS

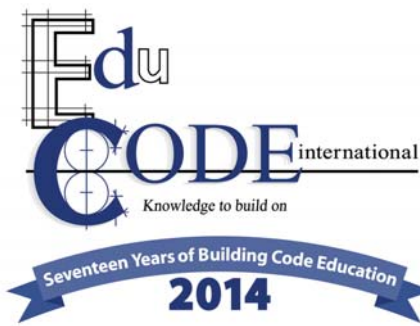
Tuesday Night: Student Appreciation Event!

5:00 PM to 7:00 PM

Sponsored by SN-ICC

The EduCODE EXPO, ICC Book Store and the IAPMO Book Store will be open daily from 7:00 AM to 5:00 PM. Come visit the various suppliers of products and services that affect our Built Environment.

**Daily EXPO Raffle Prizes will be announced
at 12:35 P.M. each day!!**



www.snicc.org
www.educode.us

ICC Membership Number:				<p>EARLY REGISTRATION INFORMATION</p> <ul style="list-style-type: none"> • Best Value \$\$ - Full week Registration • Early Registration Deadline February 21, 2014 • \$200—Per Day or Session • \$800—Full Five Day Week <p>LATE REGISTRATION INFORMATION</p> <ul style="list-style-type: none"> • \$250—Per Day or Session • \$1000—Full Five Day Week <p>ON SITE REGISTRATION</p> <ul style="list-style-type: none"> • \$250—Per Day or Session • \$1000—Full Five Day Week <p>SN-ICC and the International Code Council reserve the right to photograph or videotape classes and seminars for promotional purposes. Your registration serves as permission to SN-ICC and ICC to copyright, publish and use your likeness in print, online or in other media and to exchange contact information with other participants from this event for the purpose of networking and consultation. If you do not wish to be photographed or videotaped, please tell the camera operator.</p> <p>Mail to: EduCode Registrar, International Code Council Chicago District Office 4051 West Flossmoor Road Country Club Hills, Illinois 60478</p> <p>Fax to: 708-799-2651 Contact the International Code Council at 1-888-422-7233, extension 33818 or jfranklin@iccsafe.org</p>
First Name:		Middle Initial:		
Last Name:				
Job Title for Badge:				
Jurisdiction/Organization:				
Address:				
City:				
State/Providence:				
Zip Code:				
Country:				
E-Mail:				
Day Telephone:		Extension:		
Home Telephone:		Fax Number:		
Please indicate if you require special classroom accessibility accommodations:				

CLASS REGISTRATION

LIST CLASS SESSION NUMBER AND BOOK FEE AMOUNTS

	Monday	Tuesday	Wednesday	Thursday	Friday
AM or All Day					
PM					
Book Fee	\$	\$	\$	\$	\$

TOTAL REGISTRATION FEES

I am attending all 5 days:	\$800 (early)	or	\$1000 (late, after 02/21/2014)	\$
I am attending less than 5 days :	\$200 per day (early)	or	\$250 per day (late, after 02/21/2014)	\$
Total Book Fees:				\$
PAYMENT OPTIONS				TOTAL: \$

Bill Me (Code Council Members only)	Member #:		
Payment Enclosed (Checks payable to: International Code Council)			
Credit Card Payment: _____ Visa _____ Mastercard _____ American Express _____ Discover			
Card Number:	Exp. Date: /	Signature:	Date:

2014 TRADESHOW PARTNERS



**Student Appreciation Night
Tuesday, March 11, 2014
5:00 PM to 7:00 PM**



REGISTRATION CHECKLIST

- Contact the International Code Council at 1-888-422-7233, extension 33818 or online at www.iccsafe.org/training
- Best Value \$\$ - Full week Registration
- Deadline February 21, 2014

HOTEL CHECKLIST

- Contact The Orleans Hotel at 1-800-675-3267 or www.orleanscasino.com/groups
- Use EduCODE Group Code **4EDUC03**
- Deadline February 7, 2014

Pre-Registered?

Go directly to the Registration Desk and pick up your registration packet.

Late or On-Site Registration?

On-site registrants should go directly to the Registration Desk and register.

Registration Hours

6:30 A.M. — 1:00 P.M.

Full-Day Class Schedule (0.8 CEU)

Classes start: 7:30 A.M.
Lunch Break 1½-hour break
Classes End 5:00 P.M.

Half-Day Class Schedule (0.4 CEU)

A.M. Classes 7:30 A.M. — 11:30 A.M.
Lunch Break 1½-hour break
P.M. Classes 1:00 P.M. — 5:00 P.M.

EduCODE Expo Raffle Prizes at 12:35 PM each day!!



EduCODE International Conference & EXPO 2014

March 10 — March 14, 2014

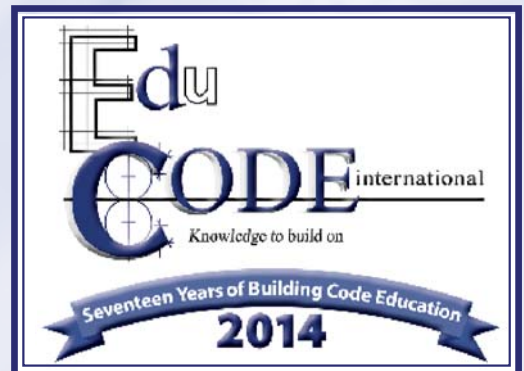
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www.iccsafe.org/training

1-888-ICC-SAFE (422-7233), ext. 33818



International Code Council
Training & Education Department
4051 West Flossmoor Road
Country Club Hills, IL 60478



www.snicc.org
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