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Twenty Years of Building Code Education

2017

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**INTERNATIONAL
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People Helping People Build a Safer World®

SESSION DESCRIPTIONS

MONDAY 3/20 SESSIONS

IBC Essentials

CEU: 0.8

Session 1



This seminar focuses on the basic concepts of the 2015 *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 seminar will also help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them. It will address the organization of the code and how it relates to the ICC family of International Codes® (I-Codes®).

Instructor: George Mann

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.

Instructor: Mark Ode, UL University

Book Fee: \$68.50

Emerging Technologies: Are You Ready for Residential Energy Storage Integrated with Photovoltaics?

CEU: 0.8

Session 3

Updates will be provided on hot topics including Lithium-Ion Energy Storage Systems (from Tesla, LG and others) and their integration with Photovoltaics. For energy storage systems, explore the newly emerging standards and products, code changes, and key installation checkpoints. For PV systems, get caught up on the latest in rapid shutdown systems, fire classification ratings and innovative mounting methods. How are these products tested? What standards should you be looking for? How are these systems different from “old school” lead acid battery banks? We’ll share the latest research along with the best methods for confirming code compliance, as well as key information on what to look for while designing, plan-checking, and inspecting these systems.

Instructors: Charles Picard and Jason Fisher, SolarCity; John Taecker, UL

Building Areas, Mixed Occupancies and Fire Areas

CEU: 0.8

Session 4



This seminar provides a comprehensive discussion of the major compartmentalization concepts of the *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 seminar will include topics on allowable areas, area increases, unlimited area buildings, fire area concept and construction, incidental/accessory use areas and separated/nonseparated uses.

Instructor: Bill Clayton

IRC Plan Review

CEU: 0.8

Session 5



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

Instructor: Gil Rossmiller

NFPA 13—Day One

CEU: 0.8

Session 6



This two-day seminar is a comprehensive review of NFPA 13, 2016 edition. Attendees participate in an extensive examination of the standard with emphasis on locating, interpreting, and applying the various requirements, including hazard classification, system types, components, and installation requirements. Additionally, water supplies, design deliverables, and acceptance testing are addressed with an emphasis on their practical application. Upon completion of this seminar, the participant should be able to explain the organization of the standard; locate and apply the basic requirements; and interpret and apply terms as defined by the standard. This seminar benefits contractors, engineers, layout technicians, and AHJs.

Instructor: Bob Caputo

SESSION DESCRIPTIONS

MONDAY 3/20 SESSIONS

UPC/IPC Essentials

CEU: 0.8

Session 7



This seminar is an excellent opportunity to get up to speed on what you need to know to be able to effectively use the 2015 UPC/IPC. By providing a fundamental understanding of the code, this seminar offers participants an opportunity to learn the basics of the 2015 UPC/IPC by showing how the code is organized, discussing the key concepts, and identifying important provisions in each chapter. Each chapter is covered in an easy-to-understand way that supplies the “need-to-know” information required to successfully understand and apply the provisions of that chapter.

Instructor: Tim Collings

The Heart of Leaders

CEU: 0.8

Session 8



The application of skills and competencies is part of being a great leader. But so is understanding, trusting, and using your heart. From relationships to decision making, your heart plays a role in your effectiveness as a leader. The best leaders will mix healthy doses of emotion and heart with their skills to produce stunning results. The heart-based approach will ensure that all team members are connected, engaged and delivering service at their optimum levels.

Instructor: Tim Schneider

Self-Awareness: Understanding Yourself and Others

CEU: 0.8

Session 9



This seminar will provide you with the tools to dive into self-awareness of your own behaviors, thoughts and self-care. Before you can understand and work with others, we must first understand and be aware of ourselves. Using a DISC® Profile assessment you will be provided with a detailed and accurate report of your personal behaviors and how they affect outcomes around you. We will also help you be aware of traits of others and learn how you can understand and adapt with them to be successful. This course will guide you to an understanding of different behaviors as well as provide real-time examples and teach you how to take this awareness into your everyday life.

Instructor: Katie Meeks

The Flood Provisions of the International Codes and ASCE 24

CEU: 0.8

Session 10



This seminar presents basic information needed to understand the flood provisions of the International Codes® and ASCE 24, *Flood Resistant Design and Construction*. Participants will learn how the I-Code provisions are consistent with the National Flood Insurance Program (NFIP) regulations; understand the relationship between the I-Codes and ASCE 24; and learn about distinctions between the I-Codes and ASCE 24 and the NFIP regulations. Additionally, participants will discuss the importance of coordinating local floodplain management ordinances with building codes.

Instructor: FEMA

IBC Practical Occupancy Classification (Advanced Level)

CEU: 0.8

Session 11



This interactive seminar will discuss the characteristics of the various 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 2015 *International Building Code*® (IBC®) will be discussed in context with provisions.

Instructor: Greg Keith

A Guide for the Demolition of Unsafe Structures—Half Day AM

CEU: 0.4

Session 12



This seminar will take you step by step in addressing unsafe structures and how to proceed with the demolition of the structure. This will include information about any asbestos containing materials (ACM's), pre-demolition surveys and a checklist to follow before a structure is demolished.

Instructor: Tana Bryant

SESSION DESCRIPTIONS

MONDAY 3/20 SESSIONS

Innovative Tools for Substandard Properties—Half Day PM

CEU: 0.4

Session 13



Communities face unique challenges as they address issues surrounding blight caused by vacant and abandoned properties. Issues include declining property values, increased cost of police and fire protection, reputational risk, and increased code enforcement. Panelists will discuss innovative strategies to eradicate blight and place communities on the road to recovery. Effective code enforcement, identification of and communication with mortgage servicers, effective securitization of vacant and abandoned properties, and maintaining values in communities will be addressed.

Instructors: Heather Lazar and Robert Klein

Care Facilities

CEU: 0.8

Session 14



This seminar will address provisions in the 2015 *International Building Code*® (IBC®) and referenced standards relating to the design and construction of care facilities, such as medical care, custodial care, ambulatory care and day care facilities. It will focus on the specific decision making needed to apply the provisions appropriately by highlighting the differences between the various types of care activities. The seminar will include a discussion on how the length of stay, number of care recipients, degree of care and capability/incapability of self-preservation all relate to the occupancy classification and resultant code requirements. Smoke compartments, dwelling and sleeping unit separations, incidental use separations and other special conditions provisions are also addressed. Unique provisions will be highlighted in the areas of accessibility, type of construction, fire protection, means of egress and interior finishes.

Instructor: Terrell Stripling

So You Want to Be a Building Official?

CEU: 0.8

Session 15

This seminar will cover the basics of what is required to be a building official, including: politics, personnel issues, budgeting, image, dealing with the public, professional development, staffing, dealing with the media, management, ethics and basic legal matters. Seminar participation will be encouraged.

Instructor: Steve Burger, CBO, LEED AP

Inspector Skills

CEU: 0.8

Session 16



This seminar addresses the soft skills necessary for success as an inspector—those nontechnical traits and behaviors that enhance an inspector's ability to interact with others and successfully carry out their job duties. These include people skills; such as effective communication, diplomacy, and customer service, but they also include skills for problem solving, professionalism, integrity, and time management. In addition to a solid understanding of the technical provisions of the codes, developing appropriate soft skills are essential in pursuing the goal of safe, healthy, and durable buildings for the community. Developed specifically for construction inspectors in all disciplines, the topics covered are equally important to all employees of public service agencies, including permit technicians, plan reviewers, managers, building officials, and fire code officials. The information is also beneficial for developing policies and procedures to promote consistent and fair inspection practices while improving communications and public relations.

Instructor: Steve Van Note

TUESDAY 3/21 SESSIONS

IRC Essentials

CEU: 0.8

Session 17



This seminar examines basic concepts of the 2015 *International Residential Code*® (IRC®). 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 IRC 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 seminar will also help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them.

Instructor: John Gibson

SESSION DESCRIPTIONS

TUESDAY 3/21 SESSIONS

2017 NEC Analysis

CEU: 0.8

Session 18



Learn about the most crucial NEC changes that impact your work. This extensive and popular seminar analyzes the major changes to the 2017 NEC. Major changes include five new articles, extensive changes to renewable energy systems and more. The full-color book that accompanies the seminar has clear illustrations, photos and text that explain the changes and their impact. Members of the nineteen code-making panels contributed to the development of this authoritative text, and members who serve on three of the code-making panels present the seminar.

Instructors: Christel Hunter and Randy Hunter

Book Fee: \$68.50

IFC Essentials

CEU: 0.8

Session 19



This seminar will introduce the application of the *International Fire Code*® (IFC®) 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 provide an introduction to hazardous materials. Activities and discussions will further enhance participant learning.

Instructor: Terrell Stripling

Overview of Accessibility Requirements

CEU: 0.8

Session 20



This seminar provides basic concepts of disabled accessible design and construction using the *International Building Code*® (IBC®) and ICC/ANSI A117.1. The first portion of the seminar will discuss WHEN accessible features are required by the IBC. The remainder of the seminar will be devoted to HOW a building and its site is made accessible by the A117.1 standard. This seminar is intended for the code user who is either new to accessible design or is in need of a refresher on the ever-changing requirements.

Instructor: Bill Clayton

IBC Commercial Plan Review

CEU: 0.8

Session 21



This seminar explains the process of conducting a plan review for small- and medium-sized commercial projects. It will cover the building, plumbing, mechanical and electrical requirements for commercial projects. The first half of the seminar will focus on the building code portion of reviews based on the *International Building Code*® (IBC®). The second half of the seminar will focus on the plumbing, mechanical and electrical portion of the review. The seminar will provide students with formats, process and an understanding of how to conduct a commercial plan review.

Instructor: Gil Rossmiller

NFPA 13—Day Two

CEU: 0.8

Session 6



Day two of this seminar: attendees will continue the comprehensive review of NFPA 13, 2016 edition. (See full description found on page 2, session 6.)

Instructor: Bob Caputo

UMC/IMC Essentials

CEU: 0.8

Session 22

By providing a fundamental understanding of the *Uniform Mechanical Code*® (UMC®) and the *International Mechanical Code*® (IMC®), this seminar offers participants an opportunity to learn the basics of the 2015 UMC. Each chapter is covered in an easy-to-understand way that supplies the “need-to-know” information required to successfully understand and apply the provisions of that chapter.

Instructor: Tim Collings

Interpersonal Communication

CEU: 0.8

Session 23



Communication is the transfer of data between individuals and groups. Interpersonal Communication provides the tools, skills and resources to ensure messages are properly sent and received. This foundational skill set is extremely important as a success factor in leadership, customer service and team dynamics. All facets of the communication equation are reviewed and improved in this seminar.

Instructor: Tim Schneider

SESSION DESCRIPTIONS

TUESDAY 3/21 SESSIONS

Motivations and Needs—Half Day AM

CEU: 0.4

Session 24



Based on Maslow's hierarchy of needs, the Motivations and Needs seminar will allow you to learn the depths of human needs and what motivates us. Having a clear understanding of yourself and those you work with related to motivation and needs is critical to your success and growth. Using an interactive model, this seminar will provide you with a deep understanding as well as hands-on experience of how we can efficiently influence and provide the space to ensure the highest level of achievements for ourselves, our team and our organizations.

Understanding needs and motivations also allows us to advance our own personal journey of satisfaction and achieve the highest level of motivation.

Instructor: Katie Meeks

Mindfulness—Half Day PM

CEU: 0.4

Session 25



Cited by the *Wall Street Journal*, *Business Insider* and the *Harvard Business Review*, Mindfulness is destined to become the most successful approach to work and life that this decade has seen. Mindfulness explores the ability to live fully in the moment and remove the stress of the future and baggage of the past. This seminar will provide the skills and techniques to immediately improve your mindfulness and increase your focus; it also explores your ability to connect with others, remove stress and achieve greater levels of personal satisfaction. To be an effective leader or a connected team member, this skill is one that is often overlooked but is becoming a requirement in many organizations. The Mindfulness seminar will review what mindfulness is and what it is not. You will learn the benefits of daily practices and conscious behaviors and how you can easily fit them into your busy schedule.

Instructor: Katie Meeks

Earthquake-Resistant Design—Half Day AM

CEU: 0.4

Session 26



This seminar presents *Earthquake-Resistant Design Concepts: An Introduction to the NEHRP Recommended Seismic Provisions for New Buildings and Other Structures*, which is published by the Federal Emergency Management Agency as FEMA P-749. This seminar will present the seismic provisions of the nation's codes and standards for a nontechnical audience, including elected officials, decision-makers in the insurance and financial communities, individual building or business owners, and other concerned citizens. This seminar is intended to provide these interested individuals with a readily understandable explanation of the intent and requirements of seismic design in general and the provisions in particular.

Instructor: John Gillengerten

Perimeter Metal Edge Wind Design Standards—Half Day PM

CEU: 0.4

Session 27



This seminar will cover the ANSI/SPRI/FM 4435/ES-1 standard. Content will also include key components and previous wind design standards. The seminar will discuss the need for a standard, the advantages of tested products and how to calculate wind design pressure. This seminar will provide case studies that demonstrate the application and benefits of use of the standard.

Instructors: Brad Van Dam and Dana Spurgeon

IBC Occupancy-Based Requirements (Advanced Level)

CEU: 0.8

Session 28



This interactive seminar will demonstrate the system of determining those major nonstructural code requirements that are based on occupancy classification. Location on property requirements, to include 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 2015 *International Building Code*® (IBC®) will be discussed in context with provisions.

Instructor: Greg Keith

SESSION DESCRIPTIONS

TUESDAY 3/21 SESSIONS

Updates to the International Property Maintenance Code

CEU: 0.8

Session 29



This full-day seminar is filled with information about the *International Property Maintenance Code*® (IPMC®) and what each section covers. This is a great seminar for code enforcement professionals just starting their careers and ones who are interested in the changes from the 2012 IPMC.

Instructor: Tana Bryant

Means of Egress Systems

CEU: 0.8

Session 30



The key provisions of the 2015 *International Building Code*® (IBC®) pertaining to a building's means of egress system are addressed in this seminar. The discussion will focus on the two primary means of egress issues regulated by the IBC: egress design and egress components. A comprehensive review of the determination of the design occupant load will be followed by an in-depth discussion on the minimum required number and configuration of exits and exit access doorways. In addition, high-level means of egress components, such as corridors, interior exit stairways, horizontal exits, and exit discharge, will be covered. An overview of various means of egress elements will also be provided, including provisions related to egress illumination, exit signs, doors, stairways, guards and handrails.

Instructor: Doug Thornburg

The Complete Permit Technician—Day One

CEU: 0.8

Session 31

This two-day seminar (concluding on 3/22) 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 seminar is also beneficial for preparing for the Permit Technician Certification Exam. **Please bring a calculator, 2015 *International Building Code*® (IBC®), 2015 *International Zoning Code*® (IZC®), *Legal Aspects of Code Administration* and *Basic Code Enforcement*.**

Instructor: Steve Burger, CBO, LEED AP

Safety Glazing—Half Day AM

CEU: 0.4

Session 32



This seminar examines the safety glazing requirements of the 2015 editions of the *International Residential Code*® (IRC®) and the *International Building Code*® (IBC®), and it illustrates the application of the provisions in various scenarios. Coverage includes testing and labeling requirements, and examples of approved materials. The seminar identifies hazardous locations related to glazing in residential and commercial buildings, explores design choices in satisfying the code requirements, and analyzes examples of typical glazing installations for compliance with the safety glazing provisions.

Instructor: Steve Van Note

Swimming Pools—Half Day PM

CEU: 0.4

Session 33



This seminar will introduce you to the 2015 *International Swimming Pool and Spa Code*® (ISPSC®). The seminar is designed to address the needs of code officials, contractors, installers, architects and pool builders. The seminar will include information regarding energy, barriers, suction entrapment and circulation systems and much more. We will also discuss the benefits of adopting this all-encompassing code and what it means for enforcement agencies.

Instructor: Kris Bridges

SESSION DESCRIPTIONS

WEDNESDAY 3/22 SESSIONS

A Look Ahead: The 2018 I-Codes—Half Day AM

CEU: 0.4

Session 34



This fast-paced seminar will provide an introduction to a number of important code changes that are scheduled to be included in the 2018 editions of several International Codes. Key additions, revisions and modifications to the 2018 *International Building Code*® (IBC®), *International Residential Code*® (IRC®) and *International Fire Code*® (IFC®) will be presented in this early look at these three upcoming I-Code publications.

Instructors: Doug Thornburg and John Gibson

Mixed Occupancies—Half Day PM

CEU: 0.4

Session 35



Based on the provisions of *International Building Code*® (IBC®) Section 508, this seminar addresses those special requirements applicable to buildings containing two or more occupancy classifications. The three mixed-occupancy options are presented along with examples and exercises that illustrate the proper application of the provisions.

Instructor: George Mann

One- and Two-Family Dwellings

CEU: 0.8

Session 36



This comprehensive seminar explains installation, design, and inspection of electrical systems in new and existing one- and two-family dwellings in clear, concise language, with numerous pictures and graphics. This seminar is based on IAEL's book entitled *One- and Two-Family Dwelling Electrical Systems, 9th edition*, that includes the electrical requirements of both the 2014 *National Electrical Code*® (NEC®) and the 2015 *International Residential Code*® (IRC®). This seminar is particularly helpful and valuable for inspectors, contractors, electricians, and students in making more accurate, thorough, and safer installations and inspections.

Instructors: Christel Hunter and Randy Hunter

Book Fee: \$65.95

IFC Performing Commercial Fire Plan Review—Day One

CEU: 0.8

Session 37



This two-day seminar (concluding on 3/23) addresses numerous provisions in the 2015 *International Fire Code*® (IFC®). Where the fire code contains requirements applicable to construction, design, operations, storage, use and handling that occur in a special occupancy, but that are not regulated specifically by the 2015 IFC. The seminar is intended to help code enforcement officials responsible for plan review to identify those areas where plan review will include compliance with the IFC. Activities and discussions will further enhance participant learning.

Instructor: Kevin Scott

Fire-Resistant-Rated Construction

CEU: 0.8

Session 38



This seminar focuses on those elements of buildings that are required to be fire-resistance rated due to other provisions of the code. Based on 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; fire-blocking and draft-stopping.

Instructor: Bill Clayton

Combination Inspections of Commercial Structures

CEU: 0.8

Session 39



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

Instructor: Gil Rossmiller

SESSION DESCRIPTIONS

WEDNESDAY 3/22 SESSIONS

Fire Alarm: Testing and Inspection

CEU: 0.8

Session 40

This basic application seminar reviews the requirements for fire alarm systems testing and inspection; how to perform the tests properly; and how to conduct visual inspections in order to satisfy the requirements of the 2016 NFPA 72, *National Fire Alarm and Signaling Code*. This seminar is beneficial for installers performing acceptance or reacceptance tests of new fire alarm systems; service technicians performing periodic testing and inspection of existing fire alarm systems; building and fire inspectors witnessing acceptance and reacceptance testing; and personnel representing the owner, who is responsible for the testing and inspection of fire alarm systems in their facilities.

Instructors: Tom Hamberger (AFAA) and Shane Clary (Bay Alarm)

UPC Virtual Seminar—Half Day AM

CEU: 0.4

Session 41



Apply your code knowledge and expertise in this dynamic, hands-on seminar. Attendees will examine drawings of plumbing systems and installations for code violations in a cooperative and collaborative environment with their peers. Each drawing is designed to challenge attendees on parts of the code that are frequently misunderstood or in frequent violation. Attendees will work in groups during the seminar on exercises and share their results, as well as those presented by the instructor, with the rest of the attendees for a robust learning experience.

Instructor: Tim Collings

UMC Virtual Seminar—Half Day PM

CEU: 0.4

Session 42



Apply your code knowledge and expertise in this dynamic, hands-on seminar. Attendees will examine drawings of mechanical systems and installations for code violations in a cooperative and collaborative environment with their peers. Each drawing is designed to challenge attendees on parts of the code that are frequently misunderstood or in frequent violation. Attendees will work in groups during the seminar exercises and their findings, as well as those presented by the instructor, will be shared with the rest of the attendees for a robust learning experience.

Instructor: Tim Collings

Tone Setting, Morale and Motivation—Half Day AM

CEU: 0.4

Session 43



The key to successful leadership is to win the minds, hearts, and spirits of those being led. The Tone Setting, Morale, and Motivation seminar 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 seminar.

Instructor: Tim Schneider

Coaching I: Providing Feedback—Half Day PM

CEU: 0.4

Session 44



Coaching skills are at the core of all good supervision, management, and executive leadership. The nature of coaching in successful leadership is the engagement of team members and conducting a steady stream of performance-enhancing communication. Effective leaders understand that coaching is at the core of the day-to-day operations and the most effective method of letting team members know how they are doing. Coaching is also the best and most effective method to build future talent for the organization.

Instructor: Tim Schneider

Moving to Health: A Five Step Approach—Half Day AM

CEU: 0.4

Session 45



Moving to Health: A Five Step Approach will walk you through the steps to a better you. You cannot perform at the level needed to function in any job position if you do not have a solid foundation of emotional and mental health. This seminar starts within and builds the significant skills of both mental and emotional health. Using a personal assessment, we provide you the techniques to be aware of your current health, including your energy levels and flow. You will then be provided the proven practices to improve the quality of your health and life. The key learning elements of this seminar include meditation, gratitude, forgiveness, giving and confronting fears that hold back personal health and success.

Instructor: Katie Meeks

SESSION DESCRIPTIONS

WEDNESDAY 3/22 SESSIONS

Relationships and External Management—Half Day PM

CEU: 0.4

Session 46



Relationships and External Management will focus on the projection of your personality and how you interact with others. You cannot be successful without the support of your boss, team members, peers, and customers. This seminar will examine the skills to make sure you have the support needed to execute your plans and objectives and are well thought of in your organization. Relationships are not about popularity or being the homecoming king or queen, but relationships can be used to maximize effectiveness and organizational influence. The seminar also provides the core skills needed to improve empathy, convey interest in others, and work in collaborative environments when needed. The competencies and skills in Relationships and External Management are critical for success in any organization.

Instructor: Kayla Brown-Cestero

Engineering Tilt-Up

CEU: 0.8

Session 47



This seminar will present the basic engineering principles and code interpretations relevant to the design of buildings utilizing tilt-up wall panel construction. The seminar will closely follow *Engineering Tilt-Up*, the third publication by the Tilt-Up Concrete Association in a trilogy of resources covering architecture, engineering and construction of tilt-up. Specific topics to be covered include: initial design considerations, determination of design loads, roof and elevated floor design, diaphragm analysis, wall panel design, and foundation design. Building design examples covering single-story and multistory building design will also be introduced. References throughout the seminar will be made to the 2012 *International Building Code*® (IBC®), ASCE/SEI 7-10, and ACI 551.2R-10.

Instructor: David Tomasula, P.E.

IBC Types of Construction Options (Advanced Level)

CEU: 0.8

Session 48



This interactive seminar 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 2015 *International Building Code*® (IBC®) will be discussed in context with provisions.

Instructor: Greg Keith

Updates to the 2015 International Zoning Code

CEU: 0.8

Session 49



This is a full-day seminar spent reviewing the updates from the 2012 *International Zoning Code*® (IZC®) to the 2015 IZC.

Instructor: Tana Bryant

Allowable Heights and Areas—Half Day AM

CEU: 0.4

Session 50



Based on the provisions of *International Building Code*® (IBC®) Chapter 5, this seminar focuses on how a building's occupancy classification and type of construction relate to the maximum building size permitted by the IBC. The approach to determining a building's maximum allowable height and area is explained, including use of Tables 504.3, 504.4 and 506.2. Detailed requirements related to mezzanines, unlimited area buildings and the special provisions of Section 510 are also addressed.

Instructor: George Mann

SESSION DESCRIPTIONS

WEDNESDAY 3/22 SESSIONS

Interior Finishes—Half Day PM

CEU: 0.4

Session 51



Focused primarily on Chapter 8 of the 2015 *International Building Code*® (IBC®), this seminar addresses the allowances and limitations of various finish materials of 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. Specific topics include: test standards applicable to interior finish materials; wall and ceiling finishes; textile wall and ceiling coverings; direct, set-out and furred construction methods; floor finishes; decorative materials and trim; foam plastics defined; and thermal barriers.

Instructor: John Gibson

The Complete Permit Technician—Day Two

CEU: 0.8

Session 31

This seminar 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 seminar is also beneficial for preparing for the Permit Technician Certification Exam. **Please bring a calculator, 2015 *International Building Code*® (IBC®), 2015 *International Zoning Code*® (IZC®), *Legal Aspects of Code Administration* and *Basic Code Enforcement*.**

Instructor: Steve Burger, CBO, LEED AP

Legal Aspects of Code Administration

CEU: 0.8

Session 52



This seminar provides code officials with guidelines for administering the legal aspects of codes with regard to enforcement, prosecution and maintenance. In this seminar participants will discuss historical consequences of ignoring the regulation of building construction and materials, and they will learn how to interpret and apply local, 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 seminar, participants will learn how to effectively testify in a court of law.

Instructor: Bob Church

THURSDAY 3/23 SESSIONS

2015 IBC Update—Half Day AM

CEU: 0.4

Session 53



The *International Building Code*® (IBC®) continues to establish minimum regulations for building systems using prescriptive and performance-related provisions. It is founded on principles that make use of new materials and new building designs. This seminar will identify important changes in the IBC from the 2012 to 2015 editions. Participants will be presented with those changes that will most impact their use of the code when they apply provisions found in the 2015 IBC. The participant will receive an overview of the most important code changes.

Instructor: John Gibson

2015 IRC Update—Half Day PM

CEU: 0.4

Session 54



It is important to have an up-to-date residential construction code addressing the design and construction of one- and two-family dwellings and townhouses to protect the health and safety of the public, as well as provide affordable housing. There have been key changes made to the *International Residential Code*® (IRC®) since the 2012 edition. This seminar highlights many of the differences between the 2012 and 2015 editions. Participants will be presented with those changes that will most impact their use of the code when they apply the 2015 IRC. The participant will receive an overview of the most important code changes.

Instructors: John Gibson

Continued on page 14

SESSION DESCRIPTIONS

TRACK	MONDAY MARCH 20	TUESDAY MARCH 21	WEDNESDAY MARCH 22	THURSDAY MARCH 23	FRIDAY MARCH 24
I-CODES	IBC Essentials	IRC Essentials	A Look Ahead: The 2018 I-Codes AM Session 34	2015 IBC Update AM Session 53	IBC Fire and Life Safety Principles
	Session 1 FULL DAY	Session 17 FULL DAY	Mixed Occupancies PM Session 35	2015 IRC Update PM Session 54	Session 72 FULL DAY
ELECTRICAL	Soares Grounding and Bonding	2017 NEC Analysis	One- and Two-Family Dwelling	Electrical Inspections	Motors and Transformers AM Session 73
	Session 2 FULL DAY	Session 18 FULL DAY	Session 36 FULL DAY	Session 55 FULL DAY	PV Updates PM Session 74
FIRE PROTECTION TECHNOLOGIES	Emerging Technologies: Are You Ready for Residential Energy Storage Integrated with Photovoltaics? Session 3 FULL DAY	IFC Essentials Session 19 FULL DAY	IFC Performing Commercial Fire Plan Reviews Day 1 Session 37 FULL DAY	IFC Performing Commercial Fire Plan Reviews Day 2 Session 37 FULL DAY	Elevators Session 75 FULL DAY
BUILDING PLAN REVIEW	Building Areas, Mixed Occupancies and Fire Areas Session 4 FULL DAY	Overview of Accessibility Requirements Session 20 FULL DAY	Fire-Resistant-Rated Construction Session 38 FULL DAY	IBC Means of Egress Session 56 FULL DAY	Special Inspections for Code Officials Session 76 FULL DAY
BUILDING PLAN REVIEW AND INSPECTIONS	IRC Plan Review Session 5 FULL DAY	IBC Commercial Plan Review Session 21 FULL DAY	Combination Inspections of Commercial Structures Session 39 FULL DAY	IRC Residential Inspections Session 57 FULL DAY	IEBC Overview Part I: Prescriptive Option AM Session 77
					IEBC Overview Part II: Work Area and Performance Options PM Session 78
FIRE PROTECTION SYSTEMS AND STORAGE	NFPA 13 Day 1 Session 6 FULL DAY	NFPA 13 Day 2 Session 6 FULL DAY	Fire Alarm: Testing and Inspection Session 40 FULL DAY	Fire Alarm: Plan Review (Advanced) Session 58 FULL DAY	IFC High-Piled Combustible Storage Session 79 FULL DAY
PLUMBING AND MECHANICAL	UPC/IPC Essentials Session 7 FULL DAY	UMC/IMC Essentials Session 22 FULL DAY	UPC Virtual Seminar AM Session 41	Plumbing and Code Basics for Combination Inspectors	HVAC and Code Basics for Combination Inspectors
			UMC Virtual Seminar PM Session 42	Session 59 FULL DAY	Session 80 FULL DAY
LEADERSHIP AND MANAGEMENT SKILLS	The Heart of Leaders	Interpersonal Communication	Tone Setting, Morale and Motivation AM Session 43	Coaching II: Empowerment Delegation and Development AM Session 60	Ethics and Decision Making AM Session 81
	Session 8 FULL DAY	Session 23 FULL DAY	Coaching I: Providing Feedback PM Session 44	EQ II: Relationships and External Management PM Session 61	Innovation and Change Management PM Session 82
Registration – Open 6:30 a.m. to 1:00 p.m. Daily EXPO and Bookstores – Open 7:00 a.m. to 5:00 p.m. Daily					

SESSION DESCRIPTIONS

TRACK	MONDAY MARCH 20	TUESDAY MARCH 21	WEDNESDAY MARCH 22	THURSDAY MARCH 23	FRIDAY MARCH 24
LEADERSHIP AND MANAGEMENT SKILLS	Self-Awareness: Understanding Yourself and Others	Motivations and Needs AM Session 24	Moving to Health: A Five Step Approach AM Session 45	Stress Management and Avoidance AM Session 62	Dealing with Difficult People AM Session 83
	Session 9 FULL DAY	Mindfulness PM Session 25	Relationships and External Management PM Session 46	Time Management and Organization Skills PM Session 63	Career Management and Decisions PM Session 84
ARCHITECTURAL, DESIGN, ENGINEERING & ADVANCED INSPECTIONS	The Flood Provisions of the International Codes and ASCE 24	Earthquake-Resistant Design AM Session 26	Engineering Tilt-Up Session 47 FULL DAY	Fundamentals of Post- Tension Design, Analysis and Constructability Considerations AM Session 64	IRC Wall Bracing Session 85 FULL DAY
	Session 10 FULL DAY	Perimeter Metal Edge Wind Design Standards PM Session 27		Inspection of Post- Tensioning Installations and Finishing PM Session 65	
ADVANCED IBC TOPICS	IBC Practical Occupancy Classification Session 11 FULL DAY	IBC Occupancy-Based Requirements Session 28 FULL DAY	IBC Types of Construction Options Session 48 FULL DAY	IBC Prescriptive Means of Egress Components Session 66 FULL DAY	IBC Performance-Based Means of Egress Design Session 86 FULL DAY
CODE ENFORCEMENT	A Guide for the Demolition of Unsafe Structures AM Session 12	Updates to the International Property Maintenance Code Session 29 FULL DAY	Updates to the 2015 International Zoning Code Session 49 FULL DAY	Verbal and Non-Verbal Communication AM Session 67	Situational Awareness and Officer Safety AM Session 87
	Innovative Tools for Substandard Properties PM Session 13			Code Enforcement, Police and Neighbors: Crucial Partnerships for Building an Unstoppable Code Program PM Session 68	Knocking Down Road Blocks Built by Hoarders PM Session 88
BUILDING INSPECTION SPECIALTIES	Care Facilities Session 14 FULL DAY	Means of Egress Systems Session 30 FULL DAY	Allowable Heights and Areas AM Session 50	Fire Resistance, Opening Protection and the Five Walls Session 69 FULL DAY	IBC Use of Fire and Smoke Separations AM Session 89
			Interior Finishes PM Session 51		Accessible Means of Egress PM Session 90
BUILDING DEPARTMENT ADMINISTRATION	So You Want to Be a Building Official? Session 15 FULL DAY	The Complete Permit Technician Day 1 Session 31 FULL DAY	The Complete Permit Technician Day 2 Session 31 FULL DAY	When Disaster Strikes Day 1 Session 70 FULL DAY	When Disaster Strikes Day 2 Session 70 FULL DAY
SPECIAL INSPECTION AND SPECIAL TOPICS	Inspector Skills Session 16 FULL DAY	Safety Glazing AM Session 32	Legal Aspects of Code Administration Session 52 FULL DAY	Special Inspection Overview Session 71 FULL DAY	Marijuana and the Building Code Session 91 FULL DAY
		Swimming Pools PM Session 33			

CHECK OUT OUR NETWORKING EVENTS

SESSION DESCRIPTIONS

THURSDAY 3/23 SESSIONS

Electrical Inspections

CEU: 0.8

Session 55



This seminar takes you through basic commercial and residential inspections using detailed photos to explain the installation requirements for electrical equipment. Photos showing correct and incorrect installation methods will be used to illustrate NEC requirements and installation requirements published by equipment manufacturers. This is an introductory seminar for inspectors with limited electrical experience and those new to inspections, and it will be beneficial for others who would like a refresher on electrical installations. Engineers with a desire to learn more about field installations will also benefit.

Instructors: Rick O'Brien and Randy Hunter

IFC Performing Commercial Fire Plan Reviews—Day Two

CEU: 0.8

Session 37



This seminar addresses numerous provisions in the 2015 *International Fire Code*® (IFC®). Where the fire code contains requirements applicable to construction, design, operations, storage, use and handling that occur in a special occupancy, but that are not regulated specifically by the 2015 IFC. The seminar is intended to help code enforcement officials responsible for plan review to identify those areas where plan review will include compliance with the IFC. Activities and discussions will further enhance participant learning.

Instructor: Kevin Scott

2015 IBC Means of Egress

CEU: 0.8

Session 56



This seminar is a basic overview of the means of egress requirements included in Chapter 10 of the *International Building Code*® (IBC®). The seminar will include detailed discussions on the design of the means of egress in buildings. Subjects included in the seminar 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.

Instructor: Bill Clayton

IRC Residential Inspections

CEU: 0.8

Session 57



This seminar provides new residential inspectors with basic techniques and an understanding of conducting inspections of one- and two-dwelling buildings and townhouse buildings. The seminar will include preparation, presentation and inspections of the building, plumbing, mechanical and electrical portions of a building.

Instructor: Gil Rossmiller

Fire Alarm: Plan Review (Advanced Level)

CEU: 0.8

Session 58

This application seminar describes the common problems associated with the plan review process and offers suggestions for improvement by providing plan review and acceptance test checklists, spreadsheets to determine battery and voltage drop calculations, exercises to determine proper spacing of smoke detectors, exercises to determine proper audibility of fire alarm notification appliances and proper sizing and placement of visible notification appliances. This seminar is intended for authorities having jurisdiction involved in fire alarm system plan review, contractors providing submittal documentation for plan review and fire alarm system designers. This seminar is based on NFPA 72-2016.

Instructors: Tom Hammerberg (AFAA) and Shane Clary (Bay Alarm)

Plumbing and Code Basics for Combination Inspectors

CEU: 0.8

Session 59



With the increasing budgetary and staffing restraints being experienced by code enforcement departments across the country, more jurisdictions are having to rely on performing combination inspections rather than having dedicated inspectors for each trade. This seminar is designed to provide the inspection and code basics for combination inspectors who find themselves inspecting plumbing systems but have a background in another trade. The basics of the UPC will be discussed and organized in a manner that assists combination inspectors in understanding and enforcing these codes.

Instructor: Roger Fuller

SESSION DESCRIPTIONS

THURSDAY 3/23 SESSIONS

Coaching II: Empowerment, Delegation and Development—Half Day AM

CEU: 0.4

Session 60



Coaching II: 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 seminar 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 seminar will also contrast the difference between empowered delegation and the dumping of unimportant and unwanted tasks. The second foundation of this seminar is the developmental side of coaching. This includes mentoring potential growth and replacement candidates, providing opportunities for leadership development and creating opportunities for learning and advancement. There are also some great personal benefits associated with the development piece of Coaching II: Empowerment, Delegation and Development, including greater satisfaction, better upward mobility, and enhanced organizational influence.

Instructor: Tim Schneider

EQ II: Relationships and External Management—Half Day PM

CEU: 0.4

Session 61



This half of Relationships and External Management will focus on the projection of your personality and how you interact with others. In a leadership position, you cannot lead without the support of your followers. With more global working environments, you cannot lead without the support of your boss, team members, peers and customers. This seminar will examine the needed skills to ensure that you have the support to execute your plans and objectives and are well thought of in your organization.

Instructor: Tim Schneider

Stress Management and Avoidance—Half Day AM

CEU: 0.4

Session 62



Stress Management and Avoidance 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 seminar will focus on where stress originates, why we react in certain ways and compound stress and how to reduce and avoid stress where possible.

Instructor: Kayla Brown-Cestero

Time Management and Organization Skills—Half Day PM

CEU: 0.4

Session 63



Time Management and Organization Skills is a thorough look at the winning practices to save time and work and live more efficiently. The seminar focuses on ways to reduce Time Parasites through a set of strategies and tactics. This powerful portion of the seminar is guaranteed to save multiple hours per week when you execute the parasite-reduction strategies.

Equally important in this unit is the attention paid to prioritizing tasks and how to break large projects into more manageable components. Time Management and Organization Skills provides some incredible tools to assist you in time planning, time and task balancing, task planning, prioritizing what is truly important and how to avoid procrastination. One-on-one meetings are another valuable competency in time management and organization, and there are some great tips for managing meeting time.

Instructor: Kayla Brown-Cestero

Fundamentals of Post-Tension Design, Analysis and Constructability Considerations—Half Day AM

CEU: 0.4

Session 64



This seminar covers the analysis and design of post-tensioned structures with an emphasis on buildings. The seminar will also present post-tensioning technology (materials, fabrication, and basic installation procedures), analysis and design (load balancing, secondary moments, pre-stress losses, example problem, current code requirements), common applications (tendon layouts, retrofit options), and constructability issues (what to focus on and what to avoid).

Instructor: Miroslav F. Vejvoda, P.E. (PTI)

SESSION DESCRIPTIONS

THURSDAY 3/23 SESSIONS

Inspection of Post-Tensioning Installations and Finishing—Half Day PM

CEU: 0.4

Session 65



This seminar will focus on the installation of the post-tensioning systems. All parts of the field process will be addressed (material deliveries and storage, handling, placing sequence of post-tensioning tendons, supports, stressing sequence, procedure and elongations, and finishing of the stressing pockets). The equipment and its maintenance will be mentioned. All aspects of inspecting the installation process will be discussed, with explanations of current code and specification requirements.

Instructor: Miroslav F. Vejvoda, P.E. (PTI)

IBC Prescriptive Means of Egress Components (Advanced Level)

CEU: 0.8

Session 66



This interactive seminar will discuss in detail the prescriptive construction requirements for the various means of egress components intended to support a given means of egress design. All means of egress components from doors to horizontal exits will be pursued. 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 2015 *International Building Code*® (IBC®) will be discussed in context with provisions.

Instructor: Greg Keith

Verbal and Non-Verbal Communication—Half Day AM

CEU: 0.4

Session 67



Our perceptions, beliefs, fears or body language can create communication pathways or barriers. The way we communicate either creates an open dialog with those to whom we are speaking or it creates 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.

Instructor: Matthew Christianson

Code Enforcement, Police and Neighbors: Crucial Partnerships for Building an Unstoppable Code Program—Half Day PM

CEU: 0.4

Session 68



Though independent members bring strengths to a system, the true strength and ultimate sustained success lie in the diversity of each component and how they work together to support the overall structure. This concept draws on the collaborative strengths of Code Enforcement, Police, and Citizens to build and maintain a strong program that supports higher quality of life. This training session looks at programs and techniques that can be used to build a quality, sustainable program in your city or community.

Instructor: Matthew Christianson

Fire Resistance, Opening Protection and Five Walls

CEU: 0.8

Session 69



This seminar reviews fundamental principles found within Chapters 3 through 10 of the *International Building Code*® (IBC®) as they pertain to the use of the five walls, their openings and opening protectives. Based on the 2015 IBC as far as references are concerned, regardless of the current IBC edition a jurisdiction may be enforcing, this seminar addresses guideline fundamentals and has proven to be a very insightful and helpful study of core code issues. These core issues are: definition of the five walls, elevators and elevator lobbies, exit access separation, vertical opening separation, occupancy separation, area separation, corridor separation, smoke compartmentation and the use of smoke barriers.

Instructor: David Dodge

When Disaster Strikes—Day One

CEU: 0.8

Session 70



This is an essential seminar for all building and code officials and licensed professionals. It will provide participants with skills, knowledge, and tools to help them become a disaster response inspector. Participants will learn the ICC disaster response process, which will enable them to respond to a disaster site prepared to interface with the onsite command structure and become a resource in identifying unsafe buildings and uninhabitable structures. Throughout this interactive seminar, participants will have the opportunity to practice

(continued at top of next page)

SESSION DESCRIPTIONS

THURSDAY 3/23 SESSIONS

When Disaster Strikes—Day One (cont'd.)

skills and receive practical information and tools that can be used at the disaster site. Participants as disaster responders will be able to respond to a disaster site, prepare to become a resource to that jurisdiction and to identify buildings in accordance with the ICC, ATC and the authority having jurisdiction.

Instructor: William Bracken

Special Inspection Overview

CEU: 0.8

Session 71



This seminar is an overview of the special inspection requirements in Chapter 17 of the *International Building Code*® (IBC®). The seminar highlights duties of the special inspector, building department and other stakeholders in the special inspection process. Jurisdictional and special inspection duties will be contrasted: where does jurisdictional inspection end and special inspection begin? Necessary content and detail within the statement of special inspection is discussed, including implications of the use of alternative methods and materials in construction.

Instructor: Sandra Hyde

FRIDAY 3/24 SESSIONS

IBC Fire and Life Safety Principles

CEU: 0.8

Session 72



This seminar addresses the critical concepts of the 2015 *International Building Code*® (IBC®) regarding fire and life safety issues. These concepts provide a basis for the correct use of the code in building planning, classification of buildings and occupancies, fire-resistance-rated construction, fire protection systems and means of egress. The content addresses issues that are necessary for many designs and plan review decisions.

Instructor: John Gibson

Motors and Transformers—Half Day AM

CEU: 0.4

Session 73



This seminar will cover *National Electrical Code*® (NEC®) requirements for motors and transformers. Article 430 for motors and Article 450 for transformers will be discussed. Topics will include overcurrent protection, conductor sizing, disconnects and installation requirements. A simple, straightforward motor sizing worksheet and hands-on examples will be included.

Instructors: Randy Hunter and Christel Hunter

PV Updates—Half Day PM

CEU: 0.4

Session 74



This seminar will include information on changes to the 2017 *National Electrical Code*® (NEC®) for photovoltaic systems. 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 Articles 690, 691, and 705 of the NEC and the requirements for inspecting and installing photovoltaic systems. This seminar will review the inspection process for photovoltaic system installations from plans check to final inspections, and it will include information on connection to the service, conductor selection, ampacity calculations, overcurrent protection and disconnect requirements.

Instructor: Mike Andrieu (Bombard Electric)

Elevators

CEU: 0.8

Session 75

Various types of elevators are found in both low- and high-rise buildings. Among these elevators are hydraulic and traction (electric) elevators with driving machines installed in dedicated spaces referred to as “elevator machine rooms,” while machine-room-less (MRL) elevators have their hoisting machines installed directly inside the elevator hoistway. This seminar will discuss and clarify specific NFPA 72 (*National Fire Alarm and Signaling Code*) and NFPA 13 (*Standard for the Installation of Sprinkler Systems*) requirements associated with these elevators, both in buildings provided with “building fire alarm systems” and those without. Specific NFPA 72, NFPA 13 and ASME A17.1 code terms, such as dedicated function fire alarm system for elevator recall and supervisory, Phase I emergency recall operation, Phase II in-car emergency operation, designated and alternate recall levels, and shunt-trip function will be discussed and clarified.

Instructor: Sagiv Weiss-Ishai

SESSION DESCRIPTIONS

FRIDAY 3/24 SESSIONS

Special Inspections for Code Officials

CEU: 0.8

Session 76



This seminar will discuss the special inspection requirements of Chapter 17 of the *International Building Code*® (IBC®). The focus of discussion will be on when special inspections are required and how plans examiners can determine compliance with the code. The seminar will also provide a basic understanding of what special inspections include, so that the inspector can determine whether or not the inspection is being conducted correctly.

Instructor: Gil Rossmiller

IEBC Overview Part 1: Prescriptive Option—Half Day AM

CEU: 0.4

Session 77



The *International Existing Building Code*® (IEBC®) provides owners with three options of compliance: prescriptive, work area and performance. The morning portion of this seminar will focus on the first of these options of compliance, the prescriptive option. This option is a straight-forward approach in addressing the requirements for additions, alterations, repairs and change of occupancies, similar to what was once prescribed in the *International Building Code*® (IBC®). This seminar will also discuss the accessibility requirements for existing buildings.

Instructor: Bill Clayton

IEBC Overview Part 2: Work Area and Performance Options—Half Day PM

CEU: 0.4

Session 78



The afternoon portion of this seminar will focus on the other two options of compliance, work area and performance. The work area discussion will include: Alteration Levels 1, 2 and 3, Additions and Change of Occupancies. These options require specific upgrades and alternatives to provide compliance when working with existing buildings. The discussion on the performance option will include how a building is evaluated and scored to determine compliance with the codes.

Instructor: Bill Clayton

IFC High-Piled Combustible Storage

CEU: 0.8

Session 79



The 2015 IFC High-Piled Combustible Storage seminar provides a basic understanding of the hazards associated with high-piled combustible storage and introduces the participants to the provisions in Chapter 32 of the 2015 edition of the *International Fire Code*® (IFC®). This seminar places special emphasis on the classification of commodities and understanding the design criteria in NFPA 13 for storage.

Instructor: Kevin Scott

HVAC and Code Basics for Combination Inspectors

CEU: 0.8

Session 80



With the increasing budgetary and staffing restraints being experienced by code enforcement departments across the country, more jurisdictions are having to rely on performing combination inspections rather than having dedicated inspectors for each trade. This seminar is designed to provide the inspection and code basics for combination inspectors who find themselves inspecting mechanical systems but have a background in another trade. The basics of the UMC will be discussed and organized in a manner that assists combination inspectors in understanding and enforcing these codes.

Instructor: Roger Fuller

Ethics and Decision Making—Half Day AM

CEU: 0.4

Session 81



Often described as natural or intuitive, decision making and ethics are important leadership traits and skills. This seminar will guide participants through a series of triage work to determine the level of decision being made, the potential consequences of the decision and when to seek collaboration and when to make the decision as a leader. Additionally, the seminar looks at the pitfalls of delegating decision making upwardly and the appearance of indecisiveness with decisional opportunities. 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 seminar will be to develop decision-making systems that eliminate bottlenecks and greatly reduce micromanagement.

Instructor: Tim Schneider

SESSION DESCRIPTIONS

FRIDAY 3/24 SESSIONS

Innovation and Change Management—Half Day PM

CEU: 0.4

Session 82



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. Innovation and Change Management provides the skills needed to accept and embrace change and work successfully in a changing environment. Beginning with understanding the reasons for change, this seminar guides participants through the typical change cycle and how people stress, cope and eventually adapt and perform.

Instructor: Tim Schneider

Dealing with Difficult People—Half Day AM

CEU: 0.4

Session 83



Dealing with Difficult People is the ultimate seminar to learn how to deal with the 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 view 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.

Instructor: Kayla Brown-Cestero

Career Management and Decisions—Half Day PM

CEU: 0.4

Session 84



For generations, people worked at the same company in the same career field. They started in their twenties, retired in their sixties and received the company pension—one job, one career path and created a mutual loyalty between employee and company. Fast forward to the 21st century and Career Management and Decision Making is more needed now than ever before. With a focus on both internal and external career decisions, this seminar will take participants through hidden job markets, self-marketing techniques, and interviewing tips.

Instructor: Kayla Brown-Cestero

IRC Wall Bracing

CEU: 0.8

Session 85



This seminar provides a comprehensive explanation of the 2015 *International Residential Code*® (IRC®) wall bracing requirements. The seminar will focus on wind and seismic requirements, review in-depth the Section R602.10 requirements, and consider conflicts with other portions of the code. For attendees in lower seismic regions, simplified wall bracing in Section R602.12 will also be covered. Practice with whole house examples using both wall bracing and simplified wall bracing requirements is included.

Instructor: Sandra Hyde

IBC Performance-Based Means of Egress Design (Advanced Level)

CEU: 0.8

Session 86



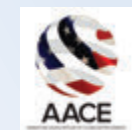
This interactive seminar will describe how to design a means of egress system based on Chapter 10 requirements. The performance-based aspect of means of egress design that is intended to accommodate various building configurations will be emphasized. The “three-part” means of egress system provisions 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 2015 *International Building Code*® (IBC®), to include exit and exit access stairway provisions, will be discussed in context with material.

Instructor: Greg Keith

Situational Awareness and Officer Safety—Half Day AM

CEU: 0.4

Session 87



Attendees will learn about situational awareness and safety both in the field and in the office. Code officers will gain a better understanding of what their mindset should be when approaching properties they work and how to maintain a reactionary gap while interacting with the public. An array of office safety tips ranging from simple trip hazards to active shooter situations will also be included as part of this session.

Instructor: Mike Edwards

SESSION DESCRIPTIONS

FRIDAY 3/24 SESSIONS

Knocking Down Road Blocks Built by Hoarders—Half Day PM

CEU: 0.4

Session 88



During this seminar we will explore the cause and effect of hoarding, identify hoarder stakeholders and look at enforcement options. While hoarding is one of the most difficult situations we come across in code enforcement, we can achieve compliance and create win-win results with thoughtful, compassionate and strategic enforcement solutions.

Instructor: Mike Edwards

IBC Use of Fire and Smoke Separations—Half Day AM

CEU: 0.4

Session 89



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, horizontal assemblies and other separation elements.

Instructor: George Mann

Accessible Means of Egress—Half Day PM

CEU: 0.4

Session 90



This seminar explores the detailed provisions related to accessible means of egress systems as required by Section 1009. Defined as a continuous and unobstructed way of egress travel from any accessible point in a building or facility to a public way, one or more accessible means of egress must also comply with the applicable provisions of ICC A117.1. The discussion will initiate with a review of those scoping provisions of Chapter 11 identifying where accessibility is required. The relationship of Section 1009 to the requirements of the ADA Standards for Accessible Design is also addressed.

Instructor: George Mann

When Disaster Strikes—Day Two

CEU: 0.8

Session 70



This is an essential seminar for all building and code officials and licensed professionals. It will provide participants with skills, knowledge, and tools to help them become a disaster response inspector. Participants will learn the ICC disaster response process, which will enable them to respond to a disaster site prepared to interface with the onsite command structure and become a resource in identifying unsafe buildings and uninhabitable structures. Throughout this interactive seminar, participants will have the opportunity to practice skills and receive practical information and tools that can be used at the disaster site. Participants as disaster responders will be able to respond to a disaster site, prepare to become a resource to that jurisdiction and to identify buildings in accordance with the ICC, ATC and the authority having jurisdiction.

Instructor: William Bracken

Marijuana and the Building Code

CEU: 0.8

Session 91



As passage of legalized marijuana sweeps across the country, inquiries for new and modifications to existing structures for such facilities have already begun. This fast-paced seminar has been created to discuss facilities: use, egress, electrical concerns, hazards (MAQ's), mechanical (exhaust and ventilation), occupancies, plumbing issues, sprinklers and waste disposal. Further discussion will address the potential impact of such legislation on the built environment, based on situations that have been encountered in other states that have previously passed similar legislation and what effects Washington's law might have on local jurisdictions.

Instructor: Tim Sarri

Registration – Open 6:30 a.m. to 1:00 p.m. Daily
EXPO and Bookstores – Open 7:00 a.m. to 5:00 p.m. Daily
CHECK OUT OUR NETWORKING EVENTS ON TUESDAY,
WEDNESDAY AND THURSDAY NIGHTS

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 20, 2017

Late or On-Site Registration

\$1000 - Full Five-Day Week per Registrant*

\$250 - per Day or Session*

***Includes books/materials unless noted in seminar description**

REGISTRATION METHODS

1. REGISTER ONLINE

The Code Council's secure website:

www.iccsafe.org/educode

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
Central Regional Office
4051 Flossmoor Road
Country Club Hills, Illinois 60478**

3. EduCODE HELP LINE

Contact the Code Council at 1-888-422-7233, ext. 4333 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 February 20, 2017 to receive a full refund. All refund requests after this date will be credited toward next year's EduCODE conference attendance only.

EDUCODE EVENTS

- Tuesday Night: Student Appreciation Event!
5:30 – 7:30 p.m. Come join us for drinks and food.
- Wednesday & Thursday Night: ICC Certification Exams
5:00 p.m. each evening. Expanded selection of exams this year!
- Wednesday Night: Networking Event
5:30 – 7:30 p.m. Come join us for food and drinks and to meet your fellow students, instructors, and tradeshow partners.
- Thursday Night: Bowling Networking Event
6:00 – 9:00 p.m. Come join us for food, drinks and bowling and another opportunity to meet your fellow students, instructors, and tradeshow partners.
- EduCODE Expo
Daily from 7:00 a.m. – 5:00 p.m. Come visit the various suppliers of products and services that affect our built environment.
- ICC Bookstore
Daily from 7:00 a.m. – 5:00 p.m.

SUBSTITUTIONS

Whenever a registrant is unable to attend a paid seminar session, a request for substitution may be made by contacting ICC at 1-888-422-7233, ext. 33818. Requests after February 20, 2017, must be made in person at the EduCODE Conference Registration Booth.

Please note that each registration may only be substituted with one person.

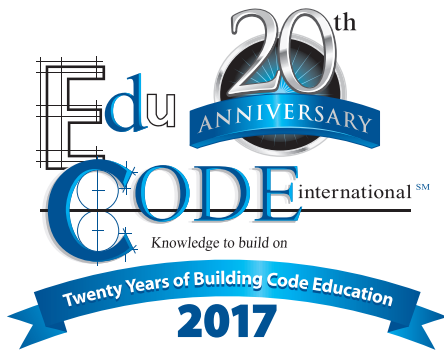
CONTINUING EDUCATION INFORMATION

All EduCODE sessions are recognized by ICC's Preferred Provider Seminar for CEU's toward maintenance of your ICC certifications. Please check our website for updated AIA approvals at www.iccsafe.org/educode. Check with your local licensing board for additional CEU requirements.



CERTIFICATION & TESTING

- Exams will be offered on Wednesday, 3/22, and Thursday, 3/23, at 5:00 p.m.
- Certification exams will be paper and pencil.
- Registration and payment can be made on-site.
- Please check **www.iccsafe.org/educode** for more detailed information including tests offered and pricing.



www.iccsafe.org/educode

www.educode.us

ICC Membership Number:				EARLY REGISTRATION INFORMATION <ul style="list-style-type: none"> • Best Value (\$\$) – Full-week Registration • Early Registration Deadline: February 20, 2017 • \$200—per Day or Session • \$800—Full Five-Day Week LATE REGISTRATION INFORMATION <ul style="list-style-type: none"> • \$250—per Day or Session • \$1000—Full Five-Day Week ON-SITE REGISTRATION <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 Central Regional Office 4051 Flossmoor Road Country Club Hills, Illinois 60478</p> <p>Fax to: 708-799-2651</p> <p>Contact the International Code Council at 1-888-422-7233, extension 4333 or jfranklin@iccsafe.org</p>
First Name:		Middle Initial:		
Last Name:				
Job Title for Badge:				
Jurisdiction/Organization:				
Address:				
City:				
State/Province:				
Zip Code:				
Country:				
E-Mail:				
Day Telephone:		Extension:		
Home Telephone:		Fax Number:		
Please indicate if you require special seminar room accessibility accommodations:				

SEMINAR REGISTRATION

LIST SEMINAR SESSION NUMBER AND BOOK FEE AMOUNTS*

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

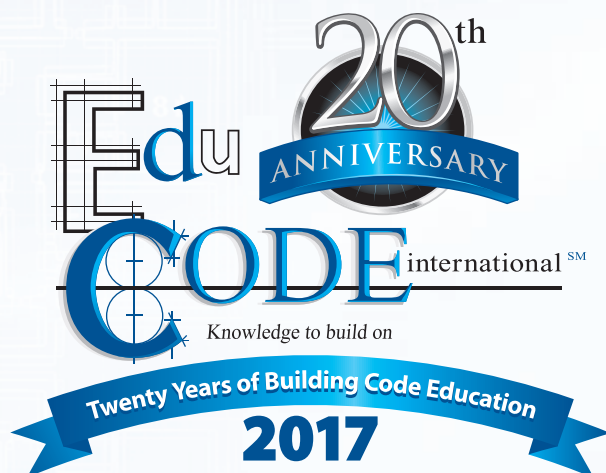
* Only applicable where a book fee is listed in class description.

TOTAL REGISTRATION FEES

I am attending all 5 days:	\$800 (early)	or	\$1000 (late, after 02/20/17)	\$
I am attending less than 5 days :	\$200 per day (early)	or	\$250 per day (late, after 02/20/2017)	\$
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:	

PLEASE CONTINUE TO SUPPORT OUR PAST TRADESHOW PARTNERS





EduCODE International Conference & EXPO 2017
March 20–24, 2017
THE ORLEANS HOTEL | LAS VEGAS, NEVADA
www.iccsafe.org/educode
1-888-ICC-SAFE (422-7233), ext. 4333

REGISTRATION CHECKLIST

- Contact the International Code Council at 1-888-422-7233, extension 33818 or online at www.iccsafe.org/educode
- Best Value (\$\$) — Full-week Registration
- Deadline: February 20, 2017

► 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

- Sunday: 5:00 p.m. – 7:00 p.m.
- Monday–Friday: 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)

- AM Classes: 7:30 a.m. – 11:30 a.m.
- Lunch Break: 1½-hour break
- PM Classes: 1:00 p.m. – 5:00 p.m.

HOTEL CHECKLIST

- Contact The Orleans Hotel at 1-800-675-3267 or www.orleanscasino.com/groups
- Use EduCODE Group Code: **A7EEC03**
- Deadline: February 14, 2017



EduCODE Expo Raffle Prizes at 12:35 p.m. each day!!

www.iccsafe.org/educode
www.educode.us



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

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