

Twenty-Six Years of Building Code Education

[www.educode.us](http://www.educode.us)

February 27, 2023 - March 3, 2023

Classes offered  
in-person and virtual!

**Feb. 27 – Mar. 3, 2023**

1-888-ICC-SAFE (422-7233), ext. 33821

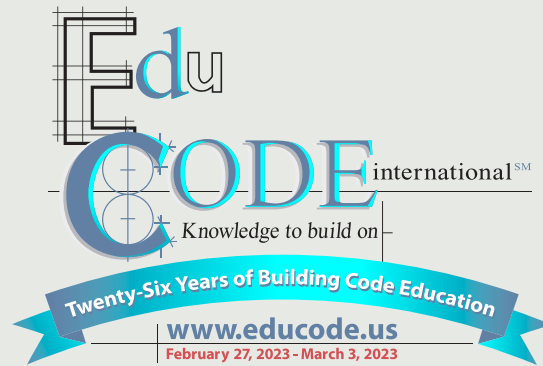
[iccsafe.org/educode](http://iccsafe.org/educode)



PREFERRED  
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INTERNATIONAL  
CODE  
COUNCIL®



Welcome to EduCODE 2023!

EduCODE 2023 is once again proud to provide premier education, training, and networking for everyone who attends. Thanks to you, EduCODE has become one of the best educational events anywhere in the country. This year we are providing classes that are both in-person and virtual to help accommodate every need of the code professional.

With over 100 classes (all ICC preferred provider approved, and many AIA certified) to choose from this year, EduCODE offers training for building and fire inspectors, plan examiners, permit technicians, code enforcement officers, managers and supervisors, architects, engineers, building officials, students and all code professionals.

EduCODE continues to take your suggestions, comments, and needs to ensure your experience is nothing short of exceptional. Attendees have numerous opportunities to brainstorm and share ideas, concepts, problems, issues and thoughts with nationally renowned instructors, industry professionals, ICC staff and fellow code professionals. Our many networking events are designed to bring participants, instructors, industry representatives and staff together, outside of the classroom, in a relaxed, informal, and fun setting to further the EduCODE experience.

We look forward to meeting everyone both in person and in the virtual environment! Should you have any questions or concerns, do not hesitate to ask any EduCODE volunteer as we are here to help make your experience the best it can be. Once again, welcome to EduCODE 2023.

Sincerely,

A handwritten signature in black ink, appearing to read 'Alan R. Ellis'.

Alan Ellis  
EduCODE Director

# What's New for 2023

## In-Person Classes

Attending in person, check out the **Orange Matrix** for the In-Person classes offered at the Orleans Hotel.

## Virtual Classes

Can't travel? Join us virtually! Check out the virtual offerings in the **Blue Matrix**.

## How do I register **Myself**?

If you are registering yourself and you will be the one attending classes at EduCODE, go to [iccsafe.org/educode](https://iccsafe.org/educode) and click on **Individual Registration** and login to your myICC\* account (upper right).

Once you have logged in use the toggle to select if you will be attending In-Person classes or Virtual classes. Make your course selections by either clicking on individual classes or by selecting the full track. When done, click **Add To Cart** button and follow the on-screen prompts to proceed to Checkout.

## How do I register a **Group or Another Individual**?

There are two options for group registrations and registering another individual this year.

1. You may register groups by clicking **Group Registration** and completing the online form on the ICC EduCODE site as in previous years ([iccsafe.org/educode](https://iccsafe.org/educode)). ICC will manually register all individuals on your online form within 7 days and send confirmation emails directly to the individuals. Please provide the specific attendee emails.

OR

2. **New this year** –In order to help simplify this process and reduce enrollment and billing errors, EduCODE will also be using **Vouchers** for group registrations this year.

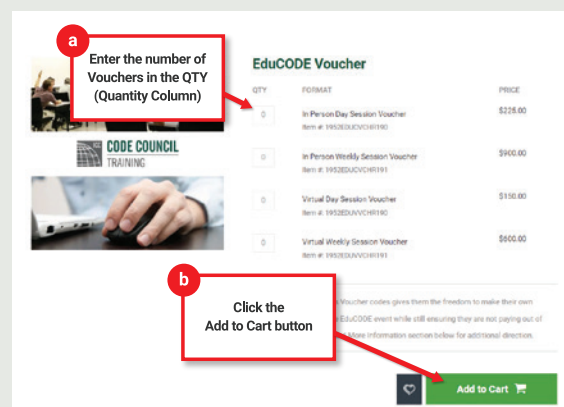
You may purchase Vouchers from the ICC Store. Once purchased, unique **Voucher Codes** can be distributed to individuals to register themselves. Each Voucher Code can only be used once.

Vouchers are available in the following formats:

- In-Person Day Session
- Virtual Day Session
- In-Person Weekly Session
- Virtual Weekly Session

To purchase Vouchers go to [iccsafe.org/educode](https://iccsafe.org/educode), click on **Group Vouchers** and login to your myICC\* account (upper right).

- a. Enter quantity of each type of Voucher you would like to purchase.
- b. Click the **Add to Cart** button and follow the on-screen prompts to checkout.
- c. You will receive a confirmation email with the Voucher Codes to distribute to each attendee. Once you get the Voucher Codes, distribute to the person who will be attending EduCODE and have them make their course selections.



**Do not login as yourself and make course selections on their behalf as YOU will be registered for the course. Should you have any questions at all, please contact ICC Training at (888) ICC-SAFE, x33821 or [learn@iccsafe.org](mailto:learn@iccsafe.org).**

*\*If you do not have a myICC Account, click the Register link to create a username and password. There is no fee to create an account with ICC.*



## SESSION DESCRIPTIONS

### 2021 IBC Significant Nonstructural Changes

CEU: 0.8

**In-Person – Track 1: Session 1**  
**Doug Thornburg**  
**Monday, February 27**

**Virtual – Track 14: Session 93**  
**Jay Woodward**  
**Tuesday, February 28**



This seminar reviews and analyzes selected significant nonstructural changes from the 2018 to the 2021 edition of the *International Building Code* (IBC). Although the focus of the presentation is on revisions to the IBC fire- and life-safety provisions, additional areas of discussion include accessibility, construction materials and building services. The seminar assists building officials, fire officials, plans examiners, inspectors and design professionals in identifying the specific code changes that have occurred and understanding the reasoning behind the changes. The program is based on the ICC publication *Significant Changes to the International Building Code, 2021 Edition*.

### 2021 IRC Essentials

CEU: 0.8

**In-Person – Track 2: Session 2**  
**Sandra Hyde**  
**Monday, February 27**

**Virtual – Track 15: Session 84**  
**Roger Axel**  
**Monday, February 27**



This seminar examines basic concepts of the 2021 *International Residential Code* (IRC) that 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 code's intended application. This seminar will also help the code user to correctly locate the applicable code requirements.

### Sprinkler Installation in One- and Two-Family Dwellings

CEU: 0.8

**In-Person – Track 3: Session 3**  
**John Swanson**  
**Monday, February 27**

**Virtual – Track 16: Session 95**  
**John Swanson**  
**Tuesday, February 28**



Learn how to competently design, install, plan review and inspect multipurpose residential fire sprinkler systems in one- and two-family dwellings using two major standards: NFPA 13D: *Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes*, 2022 edition and the *International Residential Code*, Section P2904, 2021 edition.

### 2023 NEC Changes

CEU: 0.8

**In-Person – Track 4: Session 4**  
**Randy Hunter & Chris Hunter**  
**Monday, February 27**

**Virtual – Track 17: Session 108**  
**Randy Hunter & Chris Hunter**  
**Wednesday, March 1**



This seminar will cover the major changes in the newly published 2023 *National Electrical Code*®. Photos and illustrations will be used to show how the NEC® is changing and how those changes will affect electrical installations. Changes include over a dozen new Articles, new AFCI requirements, changes to lighting load calculations, new surge protection requirements, Class 4 power systems, and many more changes that affect installations and inspections.

## SESSION DESCRIPTIONS

### Assessing Alternative Materials & Methods of Construction

CEU: 0.8

#### In-Person – Track 5: Session 5

Steve Thomas

Monday, February 27

#### Virtual – Track 18: Session 87

Bill Clayton

Monday, February 27



This seminar reviews the use of the alternate materials and methods requirements of the codes. The seminar will review the use of ICC evaluation reports when using the *International Building Code*. Different types of materials and methods will be discussed. Examples of how those materials and methods should be evaluated will be provided to attendees will have a better understanding of how to review or submit alternates.

### Communications

CEU: 0.8

#### In-Person – Track 6: Session 6

Tim Schneider & Kelley Reynolds

Monday, February 27

#### Virtual – Track 19: Session 88

Tim Schneider & Kelley Reynolds

Monday, February 27



The ability to communicate effectively and at the right frequency is the core of success in leadership, business and life. Those that are able to relay instructions, vision and more, can connect with others, enhance personal productivity and avoid unneeded conflicts. This program will enhance the ability to listen, communicate clearly, manage communication tone, match communication style, and control non-verbal tone. Additionally, communication boundaries, frequency and the incredibly important skill of communication richness will be presented. Leadership IMPACT-Communications introduces participants to the powerful DiSC assessment as a highly accurate predictor of communication style and other key tendencies.

### Due Process and Property Title Interests

CEU: 0.4

#### In-Person – Track 7: Session 7

Curtis Wright

Monday, February 27



The language of the Fourteenth Amendment requires the provision of due process when an interest in one's "life, liberty or property" is threatened. This class will discuss the Due Process needed when code enforcement is required to process a property for nuisance abatement or other legal remedies to clear a violation.

### Privacy Rights – Warrant Prep

CEU: 0.4

#### In-Person – Track 7: Session 8

Curtis Wright

Monday, February 27



Both are subject to individual state laws. This course will give you the basics that are needed when filing for a warrant to enter the property of someone who is not in compliance with the local codes and ordinances. The class will discuss the difference between administrative warrant and search warrant.

## SESSION DESCRIPTIONS

### Office Ethics and Antics

CEU: 0.8

#### In-Person – Track 8: Session 9

Shaunna Mozingo  
Monday, February 27

#### Virtual – Track 21: Session 102

Shaunna Mozingo  
Tuesday, February 28



This class will have you laughing, crying, and questioning your motives and intentions all at the same time. Having worked in Building Departments and for other companies, as well as owning her own business, Shaunna has learned a lot from her mistakes and wants to share her stories with you as well as the resources and tools that she has gathered along the way to help you learn how to redirect your focus, to understand how the things you bring to work affect other people, and how the ethics and/or antics within the office environment will either make you or break you. Don't be shy, get registered, what have you got to lose?

### Water, Energy and Time Efficient Hot Water Systems (Commercial & Residential)

CEU: 0.8

#### In-Person – Track 9: Session 10

Gary Klein  
Monday, February 27

#### Virtual – Track 22: Session 103

Gary Klein  
Tuesday, February 28



Do you know anyone who waits a long time to get hot water somewhere in their home, or place of work? Do you know someone who wonders why supply pipe sizing hasn't been revised since the 1970s even though fixture flow rates have changed significantly? Do you know someone who is a bit confused as to how to inspect buildings that need to comply with the hot water provisions in the 2021 I-codes? Do you know anyone who would like to figure out how to deliver hot water to every fixture wasting no more than 1 cup? This session will explore the design of hot water systems (water heater, piping, pipe insulation, fixtures and appliances, etc.) so that they meet or exceed code requirements (IRC, IPC, UPC, IECC), are efficient and effective, and provide high levels of customer satisfaction. This session is very interactive: estimating the volume of water contained in pipes of different lengths, diameters and materials; measuring the performance of a typical hot water distribution system in terms of water, energy and time, then figuring out how to improve it; evaluating the benefits of locating the wet rooms nearer to each other and the source of hot water that serves them. You are welcome to bring a floor plan so that we can discuss how to apply the principles learned for one of your projects..

### 2018/2021 UMC/IMC Code Changes

CEU: 0.4

#### In-Person – Track 10: Session 11

Tim Collings  
Monday, February 27



Keep up-to-date on the *Uniform Mechanical Code*® (UMC®)/ *International Mechanical Code*® (IMC®) by learning about the changes from 2018 to the 2021 edition. Each notable change to the code will be discussed in depth so attendees see exactly how the code changed, why the code changed, and what impact it will have on the code enforcement and installer communities.

## SESSION DESCRIPTIONS

### 2018/2021 UPC/IPC Code Changes

CEU: 0.4

**In-Person – Track 10: Session 12**

**Tim Collings**

**Monday, February 27**



Keep up-to-date on the *Uniform Plumbing Code®* (UPC®)/ *International Plumbing Code®* (IPC®) by learning about the changes from 2018 to the 2021 edition. Each notable change to the code will be discussed in depth so attendees see exactly how the code changed, why the code changed, and what impact it will have on the code enforcement and installer communities.

### Fundamentals of Structural Engineering for Building Officials – Load Paths & Wood Framed Construction

CEU: 0.8

**In-Person – Track 11: Session 13**

**Chris Kimball**

**Monday, February 27**



This seminar will focus on the structural requirements of the 2021 IBC and associated referenced standards. Day 1 will address both the gravity and lateral load paths as well as wood-framed construction requirements. The presentation will highlight specific IBC requirements in addition to ASCE 7, the NDS, SDWPS, and other referenced standards. Minimum submittal requirements will be discussed as well as common design and construction errors in relation to wood-framed construction.

### The Complete Permit Technician (2 days)

CEU: 1.6

**In-Person – Track 12: Session 14**

**Steve Burger**

**Monday, February 27 – Tuesday, February 28**

This 2-day 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.

**Required Materials:** *Calculator, 2015 or 2018 International Building Code®, 2015 or 2018 International Zoning Code®, Legal Aspects of Code Administration*

**Recommended Materials:** Basic Code Enforcement

## SESSION DESCRIPTIONS

### Water Supply for Fire Suppression

CEU: 0.8

**In-Person – Track 13: Session 15**

**Ed Kaminski**

**Monday, February 27**

This class will cover basic water supply design for fire suppression including sources, tank storage, pipe, and piping distribution systems. Basic hydraulics with simplified calculation methods will be presented. Water supply flow test and alternatives. Types of backflow prevention and the impact of upgrading. Supplying various occupancies, i.e. rural properties, large custom homes and warehousing.

### Small Town Code – Big Town Problems/Effective Communication

CEU: 0.4

**Virtual – Track 20: Session 89**

**Kelvin Beene**

**Monday, February 27**



This course discusses strategies to manage small town issues in regards to enforcement, code responsibilities and the influences that affect our daily duties. It will also give insight into how we can manage your position based on the codes and ordinances. This course will also review techniques and strategies that will allow them to effectively communicate with internal and external customers. It also will empower your staff to maintain a calm demeanor when faced with crisis situation. This is a scenario-based training course. This course is beneficial for anyone that has direct contact with citizens and staff.

### 2021 IPMC Crash Course

CEU: 0.4

**Virtual – Track 20: Session 90**

**Tana Bryant**

**Monday, February 27**



Attendees will learn to navigate the 2021 *International Property Maintenance Code* and can prepare for taking the Property Maintenance exam. Discussion will consist of updates from previous code years.



## SESSION DESCRIPTIONS

### 2021 IRC Significant Changes

CEU: 0.8

**In-Person – Track 1: Session 16**  
John Gibson  
Tuesday, February 28

**Virtual – Track 14: Session 104**  
John Gibson  
Wednesday, March 1



This seminar reviews and analyzes selected significant changes from the 2018 IRC® to the 2021 IRC®. Discussions will assist code users in identifying the specific code changes that have occurred, and more importantly, understanding the reason behind the change. Finally, it explains those code changes selected due to their frequency of application, special significance or change in application.

### 2021 IFC Essentials

CEU: 0.8

**In-Person – Track 2: Session 17**  
Kevin Scott  
Tuesday, February 28

**Virtual – Track 14: Session 94**  
Scott Adams  
Tuesday, February 28



This seminar will introduce the application of many fundamental IFC provisions, including administrative functions, occupancy classification, general precautions against fire, emergency planning and preparedness, and fire service features. In addition, requirements for interior finish materials, decorative materials and furnishings, fire protection systems and means of egress will be discussed. An introduction to hazardous materials will also be provided. This seminar is designed to familiarize and assist code officials in locating, describing and applying applicable code requirements of the IFC to determine compliance or noncompliance.

### 2021 IFC Performing Commercial Fire Inspections

CEU: 0.8

**In-Person – Track 3: Session 18**  
Terrell Stripling  
Tuesday, February 28

**Virtual – Track 16: Session 85**  
Kevin Scott  
Monday, February 27



This seminar focuses on the process of conducting commercial fire inspections based on the requirements of the 2021 *International Fire Code*®. Specifically, the seminar provides participants with checklists and strategies that enable those performing commercial fire inspections to determine whether the materials, design, construction, installation and location of building components and systems comply with the code.

## SESSION DESCRIPTIONS

### Electrical Inspections

CEU: 0.8

**In-Person – Track 4: Session 19**  
**Chris Hunter & Randy Hunter**  
**Tuesday, February 28**



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 course is suitable 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. This class is continually updated from year to year to reflect current issues found by inspectors.

*Attendees should bring their 2020 NEC. Handouts will be provided and must be printed off by attendee prior to class.*

### IRC Sites, Soils, Footings, Foundations and Locations on the Lot

CEU: 0.8

**In-Person – Track 5: Session 20**  
**Gil Rossmiller**  
**Tuesday, February 28**

**Virtual – Track 18: Session 133**  
**Gil Rossmiller**  
**Friday, March 3**



This seminar provides in-depth training on the IRC code provisions for getting a “building out of the ground.” The seminar is applicable to all aspects of the regulatory/design/construction community, including contractors, design professionals, plans examiners and inspectors.

Major topics include: Soils and Geotechnical Reports, Soils Drainage, Use of Prescriptive Tables, Slabs on Ground, Slope Requirements, Basements and Crawl Spaces.

### Team Member Engagement

CEU: 0.4

**In-Person – Track 6: Session 21**  
**Tim Schneider & Kelley Reynolds**  
**Tuesday, February 28**

**Virtual – Track 19: Session 98**  
**Tim Schneider & Kelley Reynolds**  
**Tuesday, February 28**



Unlock half of your influence with team members with this learning program. Team members that are engaged will have more loyalty, work harder, produce higher quality and deliver outstanding customer service. Leaders with engaged teams and healthy work cultures experience much greater results and have better levels of personal job satisfaction. The return on investment for team member engagement is achieved by using the strategies of relationship building and depth, managing leadership tone and understanding team member motivating factors. Creating a healthy working culture and connecting team members to the purpose of the organization are provided as extra resources in this program.

## SESSION DESCRIPTIONS

### Coaching Skills

CEU: 0.4

**In-Person – Track 6: Session 22**  
**Tim Schneider & Kelley Reynolds**  
**Tuesday, February 28**

**Virtual – Track 19: Session 99**  
**Tim Schneider & Kelley Reynolds**  
**Tuesday, February 28**



At the heart of great leaders is a great coach. A person that can provide positive feedback easily, corrective feedback without alienating a team member and someone who uses coaching to release the rest of their influence with team members. Coaching, when done correctly and well, will dramatically improve workplace performance, team member engagement and unlock the potential of all team members. In addition to positive feedback and corrective feedback, this program presents skills associated with selecting team members, releasing team members when needed and providing teaching-type coaching.

### Managing for Success

CEU: 0.8

**In-Person – Track 7: Session 23**  
**Kelvin Beene**  
**Tuesday, February 28**



Whether you are a current manager or aspiring to be, this is the class for you. Are you able to delegate? Learn how not to be a micro-manager. Attendees will learn how to problem solve, develop effective time management skills and more importantly build transparency. Attendees will participate in several scenarios designed to help you become a successful manager.

### Fire Hazard and Fire-Rated Construction

CEU: 0.8

**In-Person – Track 8: Session 24**  
**Mike Eckhoff**  
**Tuesday, February 28**

**Virtual – Track 21: Session 91**  
**Mike Eckhoff**  
**Monday, February 27**



This seminar will consist of three parts: fire-rated construction basics, fire-retardant-treated wood (FRTW) applications, and FRTW testing standard development. The first component will demonstrate what to look for in proper installations of wood framing in floors, walls, and roofs as well as common code violations. The second part will define what FRTW is per the model codes, and identify code-compliant applications in building construction, including when building in the wildland-urban interface. The final part will cover how testing standards for FRTW are developed and accepted, including how to read and understand code evaluation reports and acceptance criteria.

## SESSION DESCRIPTIONS

### Residential IECC Compliance with Real World Examples

CEU: 0.8

**In-Person – Track 9: Session 25**

**Les Lazareck**

**Tuesday, February 28**

**Virtual – Track 22: Session 92**

**Les Lazareck**

**Monday, February 27**



This seminar will address applying the 2021 IECC requirements for residential buildings in the real world. Through pictures and examples of real applications, learn why the residential requirements got into the code and the intent behind the provisions. This will also provide examples of commonly missed items.

### 2018/2021 UMC/IMC Workshop

CEU: 0.4

**In-Person – Track 10: Session 26**

**Tim Collings**

**Tuesday, February 28**



Apply your code knowledge and expertise in this dynamic, hands-on workshop. 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 workshop exercise 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.

### 2018/2021 UPC/IPC Workshop

CEU: 0.4

**In-Person – Track 10: Session 27**

**Tim Collings**

**Tuesday, February 28**



Apply your code knowledge and expertise in this dynamic, hands-on workshop. 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 workshop exercise 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.



## SESSION DESCRIPTIONS

### Fundamentals of Structural Engineering – Steel, Concrete & Masonry Construction

CEU: 0.8

**In-Person – Track 11: Session 28**

**Chris Kimball**

**Tuesday, February 28**



This seminar will focus on the structural requirements of the 2021 IBC and associated referenced standards. Day 2 will summarize a few key elements discussed during Day 1, and will then address concrete, masonry, and steel construction requirements. The presentation will highlight specific IBC requirements in addition to ASCE 7, ACI 318, TMS 402/602, AISC 360/341/358, and other referenced standards. Minimum submittal requirements will be discussed as well as common design and construction errors in relation to concrete, masonry, and steel construction.

### 2021 IBC Interior Finishes

CEU: 0.4

**In-Person – Track 13: Session 29**

**George Mann**

**Tuesday, February 28**



Focused primarily on Chapter 8, 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.

### Firestop Special Inspections – 1705.17

CEU: 0.4

**In-Person – Track 13: Session 30**

**Sharron Halpert**

**Tuesday, February 28**



Chapter 17 included special inspection of firestop in 2012 and many special inspection firms added it to their list of offerings. Some do so without understanding the requirements of the standards or the level of granularity one must go through to adhere to these rigorous requirements. Are the individuals on your jobsites capable and qualified of adhering to the codes and standards? We look at the requirements of the IBC and ASTM E2174, ASTM E2393 and touch on ASTM E3038. At the end of this session inspectors, architects and developers will understand how to ensure the individuals doing firestop special inspection are qualified and capable. Participants will understand the various educational opportunities such as the IFC Certificate, Intertek IQP and the new ICC CLA. They will know a few key questions to use to evaluate a potential inspector and how to keep the hacks out of their jurisdiction. We will also discuss why each of these questions is so important. When this class is over participants will be able to vet a special inspector before they are allowed to work on the project, evaluate the reports for conformance with the standards, understand what is required in the final inspection report and how to use this to vet the inspectors before approving them.

## SESSION DESCRIPTIONS

### Controlling Current in our Electrical System

CEU: 0.8

**Virtual – Track 17: Session 96**  
**Howard Herndon**  
**Tuesday, February 28**



This seminar is designed to provide a strong foundation for understanding overcurrent protection. The class will start with how an overcurrent device works and then move on to reviewing short circuit current calculations, types of overcurrent devices including fuses and circuit breakers, system coordination and sizing overcurrent devices.

***Attendees should bring their 2020 NEC. Handouts will be provided and must be printed off by attendee prior to class.***

### Skip Tracing From Start to Finish

CEU: 0.4

**Virtual – Track 20: Session 100**  
**Carl & Kerry Simpson**  
**Tuesday, February 28**



Do absentee landlords drive you crazy? Do you have one of those cases that you can't close because there is no responsible party? If so, this is the class for you! Attend this session and learn some basic skip-tracing techniques. You will also get tips on getting people to work with you once you locate them.

### Marketing your Code Enforcement Department

CEU: 0.4

**Virtual – Track 20: Session 101**  
**Pete Roque**  
**Tuesday, February 28**



Make your department stand out. This class will give you examples of how to use social media properly, visual aids, and key terminology. Many people have no idea exactly what code enforcement does so what better way to explain things in an easy and productive manner. Attendees will have the opportunity to engage in conversations and discuss ideas that have worked well for them.

## SESSION DESCRIPTIONS

### 2021 IFC Significant Changes

CEU: 0.8

**In-Person – Track 1: Session 31**  
**Kevin Scott**  
**Wednesday, March 1**

**Virtual – Track 14: Session 83**  
**Terrell Stripling**  
**Monday, February 27**



This seminar reviews and analyzes selected significant changes from the 2018 IFC® to the 2021 IFC®. Discussions will assist code users in identifying the specific code changes that have occurred, and more importantly, understanding the reason behind the change. The code changes to be addressed were selected due to their frequency of application, special significance or change in application.

### 2021 IBC Essentials

CEU: 0.8

**In-Person – Track 2: Session 32**  
**George Mann**  
**Wednesday, March 1**

**Virtual – Track 15: Session 105**  
**Roger Axel**  
**Wednesday, March 1**



This seminar focuses on the basic concepts of the 2021 *International Building Code* (IBC), providing a basis for the correct utilization of the code's provisions. A clear understanding of the identified requirements allows the code user to properly apply the IBC and helps to build an understanding of the intent of the code and its application. The discussion will also provide a basis for beginning to develop a procedure for applying the IBC's requirements. Additionally, the seminar will address the code's scope and organization.

### 2021 IFC Flammable Finishes

CEU: 0.4

**In-Person – Track 3: Session 33**  
**Terrell Stripling**  
**Wednesday, March 1**

**Virtual – Track 16: Session 106**  
**John Swanson**  
**Wednesday, March 1**



Participants will be better able to have a basic understanding of the hazards and the requirements for various flammable finishing activities based on the provisions in the 2021 *International Fire Code* (IFC), 2021 *International Mechanical Code* (IMC), and the 2020 *National Electrical Code*.

### 2021 IFC/IBC High-Piled Storage

CEU: 0.4

**In-Person – Track 2: Session 34**  
**Terrell Stripling**  
**Wednesday, March 1**

**Virtual – Track 15: Session 107**  
**John Swanson**  
**Wednesday, March 1**



This 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 2021 *International Fire Code* (IFC). In addition, because of the importance of automatic sprinkler systems in the protection of high-piled combustible storage, the seminar places special emphasis on the classification of commodities and understanding the design criteria in NFPA 13 for storage.

## SESSION DESCRIPTIONS

### IAEI's One- and Two-Family Dwelling Electrical Systems

CEU: 0.8

**In-Person – Track 4: Session 35**  
**Keith Lofland**  
**Wednesday, March 1**

**Virtual – Track 17: Session 86**  
**Keith Lofland**  
**Monday, February 27**



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 hundreds of pictures and custom-made design graphics and illustrations. This seminar is based on IAEI's book entitled *One- and Two-Family Dwelling Electrical System*, that includes the electrical requirements of both the 2020 *National Electrical Code* (NEC) and Chapter Eight of the 2021 *International Residential Code* (IRC). This

presentation is particularly helpful and valuable for inspectors, contractors, electricians, and students in making more accurate, thorough, and safer installations and inspections in the residential environment.

**Attendees should bring a 2020 NEC.**

### Advanced Commercial Building Inspections

CEU: 0.8

**In-Person – Track 5: Session 36**  
**Bill Clayton**  
**Wednesday, March 1**

**Virtual – Track 18: Session 109**  
**Gil Rossmiller**  
**Wednesday, March 1**



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

### Self-Mastery

CEU: 0.8

**In-Person – Track 6: Session 37**  
**Tim Schneider & Kelley Reynolds**  
**Wednesday, March 1**

**Virtual – Track 19: Session 110**  
**Tim Schneider & Kelley Reynolds**  
**Wednesday, March 1**



"No one is fit to command another that cannot command himself" said William Penn and he could not be more right. The ability to manage and master your own behaviors will have an enormous impact on your ability to lead and maintain credibility with your team. Team

members look to their leaders for calm, controlled and hopeful responses, especially during tough times. This program will dive deeply into self awareness, understanding the real and authentic you, uncovering blind spots in your behavior, looking at reaction hot buttons and noting core emotional composition. From there, the power comes with enhanced confidence, optimism, resilience, self-control and the ability to encourage others. Leadership IMPACT-Self-Mastery utilizes the powerful DiSC assessment to assist in discovering blind spots and other behavioral traits.



## SESSION DESCRIPTIONS

### Games People Play – Code Enforcement & Game Theory

CEU: 0.4

#### In-Person – Track 7: Session 38

Daniel Anderson

Wednesday, March 1



This class is specifically aimed at the games people play when contacted by Code Enforcement. The seminar will introduce you to the emerging science known as Game Theory, and help you to categorize resistance at the door, into the various games people play (False Alternatives, Brinksmanship, Chicken, Prisoners Dilemma, Pursuit and Evasion, etcetera).

### Standard Operating Procedures – How to Develop Yours

CEU: 0.4

#### In-Person – Track 7: Session 39

Karen Courtney & Tana Bryant

Wednesday, March 1



Have you ever wondered how to set up a process or showcase your S.O.P.'s? This is the class for you. The attendees will learn how to put together a standard of procedures or refine what they may already have. Learn to write processes that are easy to follow, used for updates and distribution.

### 2021 IRC Inspector Insights

CEU: 0.4

#### In-Person – Track 8: Session 40

Buddy Showalter

Wednesday, March 1



Mid-career residential inspectors and plans examiners will find this seminar insightful as will designers looking for a review of common construction issues. With a focus on wood construction, the seminar addresses floor, wall and roof assemblies, common footing and foundation issues, and how to recognize alternate acceptable methods as opposed to problems requiring modification in residential construction. This seminar is based on 2021 *International Residential Code* provisions.

### 2021 IRC Residential Deck Construction

CEU: 0.4

#### In-Person – Track 8: Session 41

Buddy Showalter

Wednesday, March 1



This seminar introduces basic design and construction methods for single-story residential wood decks. Vertical and lateral load paths of conventional residential decks are addressed. Specific design guidance includes convenient tables for sizing joists, beams, posts, and footings. Connection methods covered include deck ledger to the structure, lateral tension devices, beam to column, and guard post to joist connections. Potential hazards due to glass, water, and electricity will be covered. This seminar is based on 2021 *International Residential Code* (IRC) provisions.

## IN - PERSON (Sessions 1 – 82)

| TRACK   | Monday Feb. 27  | Tuesday Feb. 28  | Wednesday March 1  | Thursday March 2  | Friday March 3   |
|---|---|--|--|---|--|
| Track 1:<br>2021 I-Codes                                  | 2021 IBC Significant Nonstructural Changes<br><b>Session 1</b>              | 2021 IRC Significant Changes<br><b>Session 16</b>                        | 2021 IFC Significant Changes<br><b>Session 31</b>                            | 2024 IBC, IRC, IFC Sneak Peek<br><b>AM Session 48</b>                     | Application and Admin. of I-Codes<br><b>AM Session 67</b>                  |
|   |   |  |  | A117.1-2017 Significant Changes<br><b>PM Session 49</b>                   | 2021 IBC Assembly Means of Egress<br><b>PM Session 68</b>                  |
| Track 2:<br>2021 I-Codes                                  | 2021 IRC Essentials<br><b>Session 2</b>                                     | 2021 IFC Essentials<br><b>Session 17</b>                                 | 2021 IBC Essentials<br><b>Session 32</b>                                     | 2021 IEBC Essentials<br><b>Session 50</b>                                 | 2021 IBC Fire & Smoke Protection Features<br><b>Session 69</b>             |
| Track 3:<br>Fire  | Sprinkler Installation in One- and Two-Family Dwellings<br><b>Session 3</b> | 2021 IFC Performing Commercial Fire Inspections<br><b>Session 18</b>     | 2021 IFC Flammable Finishes<br><b>AM Session 33</b>                          | 2021 IBC & IFC Fire Protection Systems<br><b>Session 51</b>               | Medical Gas Basics<br><b>Session 70</b>                                    |
|   |   |  | 2021 IFC/IBC High-Piled Storage<br><b>PM Session 34</b>                      |   |  |
| Track 4:<br>Electrical                                    | 2023 NEC Changes<br><b>Session 4</b>  | Electrical Inspections<br><b>Session 19</b>                              | IAEI's 1- and 2-Family Electrical Systems<br><b>Session 35</b>               | Basic Exam Prep – Code Calculations<br><b>Session 52</b>                  | Electrical Safety and NFPA 70E 2021<br><b>Session 71</b>                   |
| Track 5:<br>Advanced Special Topics                       | Assessing Alternate Materials<br><b>Session 5</b>                           | IRC Soils, Sites, Foundations & Location of the Lot<br><b>Session 20</b> | Advanced Commercial Bldg Inspections<br><b>Session 36</b>                    | IBC Advanced Means of Egress<br><b>Session 53</b>                         | Applying Codes to Cannabis Facilities<br><b>Session 72</b>                 |
| Track 6:<br>Leadership, Management & Personal Development | Communications<br><b>Session 6</b>  | Team Member Engagement<br><b>AM Session 21</b>                           | Self-Mastery<br><b>Session 37</b>  | Decision Making and Ethics<br><b>AM Session 54</b>                        | Innovation and Change<br><b>AM Session 73</b>                              |
|   |   | Coaching Skills<br><b>PM Session 22</b>                                  |  | Personal Power and Relationships<br><b>PM Session 55</b>                  | Success Skills for Leaders<br><b>PM Session 74</b>                         |
| Track 7:<br>Code Enforcement                              | Due Process and Property Title Interests<br><b>AM Session 7</b>             | Managing for Success<br><b>Session 23</b>                                | Games People Play- Code Enforcement & Game Theory<br><b>AM Session 38</b>    | Innovations and Collabs for Dept Success – Part 1<br><b>AM Session 56</b> | Officer Safety De-Escalation & Insp Best Practices<br><b>AM Session 75</b> |
|   | Privacy Rights – Warrant Prep<br><b>PM Session 8</b>                        |  | Standard Operating Procedures – How to Develop Yours<br><b>PM Session 39</b> | Innovations and Collabs for Dept Success – Part 2<br><b>PM Session 57</b> | Inspector Skills – Intro to Customer Service<br><b>PM Session 76</b>       |

## IN - PERSON *(continued)*

| TRACK                                 | Monday Feb. 27   | Tuesday Feb. 28   | Wednesday March 1  | Thursday March 2  | Friday March 3  |
|---------------------------------------|--|---|--|---|---|
| Track 8:<br>Building<br>Specialties   | Office Ethics and<br>Antics<br><b>Session 9</b>  | Fire Hazard and Fire-<br>Rated Construction<br><b>Session 24</b>                                      | 2021 IRC Inspector<br>Insights<br><b>AM Session 40</b>   | 2021 IBC/IFC<br>Hazardous Materials<br><b>Session 58</b>                                      | 2021 IRC Building<br>Safety Features<br><b>Session 77</b>                           |
|                                       |  |   | 2021 IRC Residential<br>Deck Construction<br><b>PM Session 41</b>  |   |   |
| Track 9:<br>Energy                    | Water, Energy and<br>Time Efficient Hot<br>Water Systems<br><b>Session 10</b>                        | Residential IECC<br>Compliance with Real<br>World Examples<br><b>Session 25</b>                       | Commercial IECC<br>& ASHRAE 90.1<br>Compliance<br><b>Session 42</b>  | Building Science<br>Meets the Energy<br>Code<br><b>Session 59</b>                             | HVAC Design, Review,<br>and Performance for<br>IECC Compliance<br><b>Session 78</b> |
| Track 10:<br>Plumbing &<br>Mechanical | 2018/2021 UMC/IMC<br>Code Changes<br><b>AM Session 11</b>  | 2018/2021 UMC/IMC<br>Workshop<br><b>AM Session 26</b>   | 2018/2021 UPC/IPC,<br>UMC/IMC Combination<br>Inspections<br><b>Session 43</b>                              | Indoor Cannabis<br>Cultivation Facilities<br><b>AM Session 60</b>                             | UPC Grease<br>Interceptors<br><b>AM Session 79</b>                                  |
|                                       | 2018/2021 UPC/IPC<br>Code Changes<br><b>PM Session 12</b>  | 2018/2021 UPC/IPC<br>Workshop<br><b>PM Session 27</b>   |  | 2021 UMC Grease Ducts<br>& Hood Installations<br><b>PM Session 61</b>                         | Water Demand<br>Calculator and the<br>Future of Plumbing<br><b>PM Session 80</b>    |
| Track 11:<br>Structural               | Fundamentals of<br>Structural Eng – Load<br>Paths & Wood Framed<br>Construction<br><b>Session 13</b> | Fundamentals of<br>Structural Eng – Steel,<br>Concrete & Masonry<br>Construction<br><b>Session 28</b> | Fire & Life Safety<br>Plan Reviews –<br>Day 1<br>Site, Underground<br>& Code Analysis<br><b>Session 44</b> | Fire & Life Safety<br>Plan Reviews –<br>Day 2<br>Architectural<br>Review<br><b>Session 62</b> | 2021 IBC Chapter 17 –<br>Special Inspections &<br>Tests<br><b>Session 81</b>        |
| Track 12:<br>Special Topics 1         | The Complete Permit Technician<br><b>Session 14</b>  |   | So, You Want to be a<br>Building Official?<br><b>Session 45</b>  | Vertical Building<br>Components in Multi<br>Story Structures<br><b>AM Session 63</b>          | Advanced High-Rise<br>Building Design Topics<br><b>Session 82</b>                   |
|                                       |  |   |  | Fire Resistance,<br>Openings & the 5 Walls<br><b>AM Session 64</b>                            |   |
| Track 13:<br>Special Topics 2         | Water Supply for Fire<br>Suppression<br><b>Session 15</b>  | 2021 IBC Interior<br>Finishes<br><b>AM Session 29</b>   | Kitchen Exhaust and<br>Grease Duct Wrap<br><b>AM Session 46</b>  | Membrane<br>Penetrations<br><b>AM Session 65</b>  | 2021 IRC Building<br>Safety Features<br><b>Session 77</b>                           |
|                                       |  | Firestop Special<br>Inspections – 1705.17<br><b>PM Session 30</b>                                     | Construction Rated<br>Joint Inspection<br><b>PM Session 47</b>   | Mass Timber<br><b>PM Session 66</b>   |   |

## VIRTUAL (Sessions 83 – 139)

| TRACK  | Monday Feb. 27   | Tuesday Feb. 28  | Wednesday March 1  | Thursday March 2   | Friday March 3  |
|--|--|--|--|--|---|
| Track 14:<br>2021 I-Codes                                  | 2021 IFC Significant Changes<br><b>Session 83</b>                    | 2021 IBC Significant Nonstructural Changes<br><b>Session 93</b>              | 2021 IRC Significant Changes<br><b>Session 104</b>             | A117.1-2017 Significant Changes<br><b>AM Session 115</b>     | 2021 IBC Assembly Means of Egress<br><b>AM Session 128</b>                |
|  |  |  |  | 2024 IBC, IRC, IFC Sneak Peek<br><b>PM Session 116</b>       | Application and Admin of I-Codes<br><b>PM Session 129</b>                 |
| Track 15<br>2021 I-Codes                                   | 2021 IRC Essentials<br><b>Session 84</b>                             | 2021 IFC Essentials<br><b>Session 94</b>                                     | 2021 IBC Essentials<br><b>Session 105</b>                      | 2021 IPC Essentials<br><b>AM Session 117</b>                 | 2021 IBC Fire and Smoke Protection Features<br><b>Session 130</b>         |
|  |  |  |  | 2021 IMC Essentials<br><b>PM Session 118</b>                 |   |
| Track 16:<br>Fire  | 2021 IFC Performing Commercial Fire Inspections<br><b>Session 85</b> | Sprinkler Installation in One- and Two-Family Dwellings<br><b>Session 95</b> | 2021 IFC Flammable Finishes<br><b>AM Session 106</b>           | 2021 IBC & IFC Fire Protection Systems<br><b>Session 119</b> | Medical Gas Basics<br><b>Session 131</b>                                  |
|  |  |  | 2021 IFC/IBC High-Piled Storage<br><b>PM Session 107</b>       |  |   |
| Track 17:<br>Electrical                                    | IAEI's 1- and 2-Family Electrical Systems<br><b>Session 86</b>       | Controlling Current in our Electrical System<br><b>Session 96</b>            | 2023 NEC Changes<br><b>Session 108</b>                         | Basic Electrical Safety<br><b>Session 120</b>                | Electrical Reqs of Energy Storage Systems<br><b>Session 132</b>           |
| Track 18:<br>Advanced Special Topics                       | Assessing Alternate Materials<br><b>Session 87</b>                   | IBC Advanced Means of Egress<br><b>Session 97</b>                            | Advanced Commercial Building Inspections<br><b>Session 109</b> | Applying Codes to Cannabis Facilities<br><b>Session 121</b>  | IRC Soils, Sites, Foundations & Location of the Lot<br><b>Session 133</b> |
| Track 19:<br>Leadership, Management & Personal Development | Communications<br><b>Session 88</b>                                  | Team Member Engagement<br><b>AM Session 98</b>                               | Self-Mastery<br><b>Session 110</b>                             | Decision Making and Ethics<br><b>AM Session 122</b>          | Innovation and Change<br><b>AM Session 134</b>                            |
|  |  | Coaching Skills<br><b>PM Session 99</b>                                      |  | Personal Power and Relationships<br><b>PM Session 123</b>    | Success Skills for Leaders<br><b>PM Session 135</b>                       |



## VIRTUAL *(continued)*

| TRACK                             | Monday Feb. 27   | Tuesday Feb. 28   | Wednesday March 1  | Thursday March 2  | Friday March 3   |
|-----------------------------------|--|---|--|---|--|
| Track 20:<br>Code Enforcement     | Small Town Code – Big Town Problems/ Effective Communication<br><b>AM Session 89</b> | Skip Tracing From Start to Finish<br><b>AM Session 100</b>  | Building Blocks for Code Enforcement Officer Success<br><b>Session 111</b>     | Setting Up Volunteer Code Programs<br><b>AM Session 124</b>   | Code Enforcement & Landlord Tenant Relations: Seattle Style<br><b>AM Session 136</b>         |
|                                   | 2021 IPMC Crash Course<br><b>PM Session 90</b>                                       | Marketing Your Code Enforcement Department<br><b>PM Session 101</b>                                 |  | Officer Safety – Encountering Mental Illness in the Field and Code Officer Self Care<br><b>PM Session 125</b> | Legal Aspects<br><b>PM Session 137</b>   |
| Track 21:<br>Building Specialties | Fire Hazard and Fire-Rated Construction<br><b>Session 91</b>                         | Office Ethics and Antics<br><b>Session 102</b>  | 2021 IBC Special Building Types, Features and Hazards<br><b>AM Session 112</b> | 2021 IBC Accessibility & Usability<br><b>Session 126</b>  | 2021 IBC Apartment Buildings<br><b>Session 138</b>   |
|                                   |  |   | 2021 IBC Mixed Occupancies<br><b>PM Session 113</b>                            |   |  |
| Track 22:<br>Energy               | Residential IECC Compliance with Real World Examples<br><b>Session 92</b>            | Water, Energy and Time Efficient Hot Water Systems (Commercial & Residential)<br><b>Session 103</b> | Building Science Meets the Energy Code<br><b>Session 114</b>                   | Commercial IECC & ASHRAE 90.1 Compliance with Real World Examples<br><b>Session 127</b>                       | Residential Energy Modeling, Code Compliance Documentation and Testing<br><b>Session 139</b> |

EduCODE 2024  
**Feb. 26 – Mar. 1**

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DATE

## SESSION DESCRIPTIONS

### Commercial IECC & ASHRAE 90.1 Compliance with Real World Examples

CEU: 0.8

**In-Person – Track 9: Session 42**  
**Shaunna Mozingo**  
**Wednesday, March 1**

**Virtual – Track 18: Session 127**  
**Shaunna Mozingo**  
**Thursday, March 2**



This seminar will provide discussion with examples on selected commercial changes in the 2021 IECC and compliance with ASHRAE 90.1. The program will address changes to compliance options, air barrier/blower door commissioning, and new efficiency requirements (C406) with HVAC, lighting, envelope tightness, duct leakage and ventilation testing.

### 2018/2021 UPC/IPC, UMC/IMC Combination Inspections

CEU: 0.8

**In-Person – Track 10: Session 43**  
**Tim Collings**  
**Wednesday, March 1**



With the increasing budgetary and staffing restraints being experienced on code enforcement departments across the country, more and 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 and mechanical systems but have a background in another trade. The basics of the UPC and UMC will be discussed and organized in a manner that assists combination inspectors in understanding and enforcing these codes.

### Fire & Life Safety Plan Reviews

CEU: 0.8

(Day 1 – Site, Underground, MEP, Fire Protection Systems, etc.)

**In-Person – Track 11: Session 44**  
**Scott Adams**  
**Wednesday, March 1**



This seminar will focus on how to perform a comprehensive fire & life safety plan review. A complete fire & life safety review incorporates numerous requirements from the IBC, IFC, NFPA standards, in addition to other codes and referenced standards. Day 1 will provide an introduction to the fire & life safety review, will discuss numerous items in relation to the site plan review such as fire department access, fire flow, hydrant locations, etc., will address the underground fire line review, will address specific items to consider in relation to the mechanical, electrical and plumbing design, and will also address when specific fire protection systems are required.

## SESSION DESCRIPTIONS

### So You Want to be a Building Official

CEU: 0.8

#### In-Person – Track 12: Session 45

Steve Burger

Wednesday, March 1

This seminar is designed for any Building Department employees who would like more information on just what it takes to be a successful Building Official or Manager/Supervisor. The seminar will discuss basic decision-making, legal and ethical topics, customer service, image of the Building Department and its employees, political issues, professional development, dealing with the media, staffing and budgeting. The discussion will be kept at a level that can be understood by all attendees and will encourage an abundance of input and discussion. Who should attend: Building Officials, Plans Examiners, Building Inspectors, Permit Technicians, Code Enforcement Officers or Department Directors.

### Kitchen Exhaust and Grease Duct Wrap

CEU: 0.4

#### In-Person – Track 13: Session 46

Sharron Halpert

Wednesday, March 1



When it comes to commercial kitchens, it's not a matter of IF there will be a fire. It's more a matter of WHEN there is a fire. This class just might change how you look at grease duct wrap. General overview-after session participants will be able to:

- Better understand how grease duct wrap testing has changed and why
- Understand the most common non-compliance issues
- Understand how to review some more unique applications
- Identify poor installations based on a few universal rules
- Know when banding is allowed or pinning is required – AND WHY
- Apply this new information in the field.

People who have attended this class make comments like, "We have never done this right, EVER" and "You talked codes and standards all class, but it was FUN. WOW, and I learned a lot, thanks!" (We are not addressing VAD-only grease duct wrap.)

### Construction Rated Joint Inspection

CEU: 0.4

#### In-Person – Track 13: Session 47

Sharron Halpert

Wednesday, March 1



This class will change the way you look at the firestop joints on your project.

- ASTM E119, ASTM E1966, ASTM E2307 understand how firestop is tested and why it matters during your inspection readily find the necessary UL listed detail in a firestop submittal
- Easily identify the key information in a UL listed system
- Understand a list of common firestop non-compliance issues
- Understand the key differences between the test conducted on through penetrations versus rated joints
- Look at firestop rated joints in a whole new way
- We will talk about the two most overlooked applications for fire rated joints – smoke barriers and movement requirements.

## SESSION DESCRIPTIONS

### Building Blocks for Code Enforcement Officer Success

CEU: 0.8

**Virtual – Track 20: Session 111**

**Pete Roque**

**Wednesday, March 1**



Code Enforcement extends beyond obtaining the certification. Much of the success of the code officer is dependent on confidence, support, training, and accountability. This class will explore techniques that are helpful in gaining self-confidence, building constructive team dynamics essential for internal and external communications and team work, as well as accountability that has a direct tie in to commitment for Code Officer success.

### 2021 IBC Special Building Types, Features and Hazards

CEU: 0.4

**Virtual – Track 21: Session 112**

**Jay Woodward**

**Wednesday, March 1**



Based on selected provisions in IBC Chapter 4, this seminar focuses on selected special building types, features and hazards. High-rise buildings, underground buildings, 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. Combustible storage, use and storage of hazardous materials, spray application of flammable finishes, medical gas storage rooms, control areas and laboratory suites are also addressed.

### 2021 IBC Mixed Occupancies

CEU: 0.4

**Virtual – Track 21: Session 113**

**Jay Woodward**

**Wednesday, March 1**



Based on the provisions of 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. The application of incidental uses as set forth in Section 509 is also addressed. Specific topics include: Occupancy classification, Mixed occupancy conditions, Accessory occupancies, Nonseparated occupancies, Separated occupancies, and Multi-story conditions.



## SESSION DESCRIPTIONS

### 2024 IBC, IRC, IFC Sneak Peek

CEU: 0.4

**In-Person – Track 1: Session 48**  
**Doug Thornburg & John Gibson**  
**Thursday, March 2**

**Virtual – Track 14: Session 116**  
**Sandra Hyde & Jay Woodward**  
**Thursday, March 2**



This fast-paced seminar will provide an introduction to a number of important code changes that are scheduled to be included in the 2024 editions of several International Codes. Key additions, revisions and modifications to the 2024 *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.

### A117.1-2017 Significant Changes

CEU: 0.4

**In-Person – Track 2: Session 49**  
**John Gibson**  
**Thursday, March 2**

**Virtual – Track 15: Session 115**  
**Kim Paarlberg**  
**Thursday, March 2**



This seminar offers in-depth coverage of the important changes from the 2009 to the 2017 ICC A117.1 Accessibility Standard. The seminar identifies important changes in organization, accessibility standard requirements and the applicability of these requirements to design, plan review and inspection.

### 2021 IEBC Essentials

CEU: 0.8

**In-Person – Track 2: Session 50**  
**Tim Ryan**  
**Thursday, March 2**



This seminar will introduce critical concepts of the 2021 *International Existing Building Code*® (IEBC®). It will provide a basis for the correct use and application of the code. The discussion will build an understanding of the intent of the code through detailing basic tables, categorizations and a case study.

### 2021 IFC & IBC Fire Protection Systems

CEU: 0.8

**In-Person – Track 3: Session 51**  
**Kevin Scott**  
**Thursday, March 2**

**Virtual – Track 16: Session 119**  
**Terrell Stripling**  
**Thursday, March 2**



This seminar is designed to guide participants through the 2021 IBC and IFC requirements related to fire protection systems (Chapter 9). The topics addressed include suppression systems, standpipe systems, automatic fire alarm systems, automatic detection systems and additional fire protection assemblies. Because the 2021 IFC and Chapter 9 of the 2021 IBC have such broad scopes, the focus of this seminar is to review design, construction, inspection and testing requirements for the various systems.

## SESSION DESCRIPTIONS

### Basic Exam Prep – Code Calculations CEU: 0.8

**In-Person – Track 4: Session 52**  
**Keith Lofland**  
**Thursday, March 2**



This seminar is for anyone preparing for an electrical exam utilizing the *National Electrical Code* (NEC). Individuals, be it on the installation, maintenance, or enforcement side, will engage in some form of calculations at one time or another during their normal duties. This seminar is designed to take a closer look at some of these more common NEC electrical calculations and apply these equations in a practical application. Some of the calculations that will be covered in this presentation include such things as box fill calculations, sizing the grounded conductor, lighting load calculations, sizing of EGCs, conduit fill calculations, wire terminations, ampacity adjustment correction factors (temperature, more than 3 current-carrying conductors, etc.), conductors installed on rooftops, ampacity adjustment factors for Type NM cable, motor and transformer calculations and more. This seminar will utilize relatable photos and illustrations that enhance the attendee's understanding.

**Attendees should bring their 2020 NEC. Handouts will be provided and must be printed off by attendee prior to class.**

### IBC Advanced Means of Egress

CEU: 0.8

**In-Person – Track 5: Session 53**  
**Steve Thomas**  
**Thursday, March 2**

**Virtual – Track 18: Session 97**  
**Steve Thomas**  
**Tuesday, February 28**



An advanced look at the means of egress requirements included in Chapter 10 of the *International Building Code*. The seminar will include detailed discussions on the design and review of the means of egress in unusual occupancies. Subjects included in the seminar are malls, assembly occupancies, special egress components, smoke proof enclosures, horizontal exits and exit passageways. Practical examples will be used to illustrate code requirements. This seminar is designed for those students that have a basic understanding of how the means of egress is designed and reviewed.

### Decision Making and Ethics

CEU: 0.4

**In-Person – Track 6: Session 54**  
**Tim Schneider & Kelley Reynolds**  
**Thursday, March 2**

**Virtual – Track 19: Session 122**  
**Tim Schneider & Kelley Reynolds**  
**Thursday, March 2**



A leader's decisions become a lasting part of his or her legacy. Making the right decision, in the right time frame, with the correct information and involving the right people is one key focus of this program. The delicate balance between rash or too quick decisions and overly deliberative decisions is the starting point followed by examining decision making levels and who should be making those decisions. Understanding unintended consequences and applying some basic critical thinking will improve decision quality tremendously.

As important as decisions are, making sure those decisions and other choices maintain ethical congruence is equally important. This program will provide participants with the tools to keep integrity always, refer to an organization's ethical values and avoid pitfalls associated with personal morality and beliefs. When ethical values are strong, a leader maintains the highest credibility with her or his team and can continue to successfully lead.

## SESSION DESCRIPTIONS

### Personal Power & Relationships

CEU: 0.4

**In-Person – Track 6: Session 55**  
**Tim Schneider & Kelley Reynolds**  
**Thursday, March 2**

**Virtual – Track 19: Session 123**  
**Tim Schneider & Kelley Reynolds**  
**Thursday, March 2**



Although the word power has certain stigma attached, leaders need power to operate and to lead. This program will provide the skills to manage the types of leadership power and create an effective balance between the five power types for a more successful connection with

team member and more sustained organizational results.

Relationship power is the most critical of the power types and building networks of influence using relationship techniques will be provided. Additional tools for Leadership Success-Personal Power and Relationships include seeing the big picture or global perspective, appreciation of workplace diversity and creating some charismatic charm for your role as a leader.

Because this leadership competency is about the outward you, key skills related to teamwork, empathy and dealing successfully with conflict will also be presented.

### Innovations and Collaborations to Make Your Department a Success Part 1

CEU: 0.4

**In-Person – Track 7: Session 56**  
**Carl & Kerry Simpson**  
**Thursday, March 2**



Rear Admiral Grace Hopper once said the most dangerous phase in the language is. "We've always done it that way," This session will teach you to discover how your mission can be accomplished by leveraging technology, thinking more strategically, and the power of teamwork.

### Innovations and Collaborations to Make Your Department a Success Part 2

CEU: 0.4

**In-Person – Track 7: Session 57**  
**Carl & Kerry Simpson**  
**Thursday, March 2**



A continuation of Part 1; This session will teach you to discover how your mission can be accomplished by leveraging technology, thinking more strategically, and the power of teamwork.

## SESSION DESCRIPTIONS

### 2021 IBC/IFC Hazardous Materials

CEU: 0.8

#### In-Person – Track 8: Session 58

Chris Kimball

Thursday, March 2



The purpose of this course is to cover the hazardous material provisions that are outlined in both the 2021 *International Building Code* (IBC) and the 2021 *International Fire Code* (IFC). We will first discuss the requirements of IBC Chapters 3 and 4 and then will dig into the more detailed provisions of Chapters 50 through 67 of the IFC. This course is laid out to assist fire code officials, building officials and design professionals in better understanding the requirements of both the IBC and IFC in relation to hazardous materials.

### Building Science Meets the Energy Code

CEU: 0.8

#### In-Person – Track 9: Session 59

Robby Schwarz

Thursday, March 2

#### Virtual – Track 22: Session 114

Robby Schwarz

Wednesday, March 1



Enforcement of the Residential 2021 IECC has moved from prescriptive requirements to an understanding of the intent of the code. Therefore, we need to better understand the Building Science, so we realize the connections between efficiency, durability, safety, and comfort.

This course will walk you through the 2021 IECC, the basic building science incorporated in its compliance path and the connection between energy and specific sections of the IRC.

### Indoor Cannabis Cultivation Facilities

CEU: 0.4

#### In-Person – Track 10: Session 60

Dave Ledda

Thursday, March 2



This half day seminar covers plumbing, mechanical, building, fire, energy, state regulations, and limited electrical codes. The class also covers the growing process, from propagation to flowering and will help cultivators, regulators, architects, designers and engineers make sense of the myriad of regulations and special processes used in cultivation. We'll also cover new technologies for cultivation. Many mistakes are made from design deficiencies that may be code compliant but make cultivation difficult. We'll cover how to avoid the mistakes that currently plague the industry.

### 2021 UMC Grease Ducts and Hood Installations

CEU: 0.4

#### In-Person – Track 10: Session 61

Dave Ledda

Thursday, March 2



Health, fire, building, electrical, plumbing, and mechanical codes all come together in commercial kitchens. Join us to learn how to apply a greater level of safety and efficiency established through the UMC with regards to grease duct and hood installations.

## SESSION DESCRIPTIONS

### Fire & Life Safety Plan Reviews (Day 2 – Architectural Review)

CEU: 0.8

#### In-Person – Track 11: Session 62

Scott Adams

Thursday, March 2



This seminar will focus on how to perform a comprehensive fire & life safety plan review. A complete fire & life safety review incorporates numerous requirements from the IBC, IFC, NFPA standards, in addition to other codes and referenced standards. Day 2 will cover the architectural portion of the review. This includes items such as the building code analysis, means of egress, fire-resistance-rated construction, interior and exterior finishes, specific occupancy requirements, elevators and more. At the end of the class a checklist will be provided as a guide to assist attendees in recalling the items that should be checked when performing a fire & life safety review.

### Vertical Building Components in Multi-Story Structures

CEU: 0.4

#### In-Person – Track 12: Session 63

David Dodge

Thursday, March 2



This seminar will discuss prescriptive solutions and the related principles found in Chapter 7 of the *International Building Code*® (IBC®) as they relate to vertical building components in Multi-story Structures. This seminar will define and examine the following vertical components; Atriums, Interior Exit Stairways, Exit Access Stairways, Elevators as well as other multi-story space considerations. During the seminar the instructor will review real-time case studies to explore code compliance solutions reached by various jurisdictions throughout the United States. The presentation will further discuss fire resistance and fire protection requirements for separation of vertical spaces, the five walls and their ratings along with opening protective requirements.

### Fire Resistance, Openings and the Five Walls

CEU: 0.4

#### In-Person – Track 12: Session 64

David Dodge

Thursday, March 2



This fast paced 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 2018 IBC as far as references are concerned, and 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, separation of vertical spaces, smoke compartmentation and the use of smoke barriers.

## SESSION DESCRIPTIONS

### Membrane Penetrations

CEU: 0.4

#### In-Person – Track 13: Session 65

**Sharron Halpert**  
**Thursday, March 2**



A lot of people are doing this, unknowingly. They are looking at a tested and listed detail and assuming it meets the code requirements...but in many cases, it doesn't. There are products on the market that have a tested and listed document that actually shows you that the product doesn't comply with the requirements of the codes, but it passes the standard so it is confusing. We will expose the issue and show you how the codes and standards work together so you can see this clearly. You will understand why this is important and how to avoid this on your projects. We will go over other common firestop issues related to plumbing and fire sprinkler installations.

### Mass Timber

CEU: 0.4

#### In-Person – Track 13: Session 66

**Buddy Showalter**  
**Thursday, March 2**



This course will provide an overview of mass timber which includes any product currently permitted for use in Type IV (heavy timber) construction such as cross-laminated timber (CLT), structural composite lumber (SCL), glue laminated timber (glulam), mechanically laminated decking (aka nail-laminated timber, NLT), and large section sawn timbers. NLT, glulam, SCL, and solid-sawn timbers have been adopted in the *International Building Code* (IBC) and utilized throughout the world for several decades on a wide variety of buildings. Learn what's new in 2015/2018 IBC for Mass Timber Construction as well as an overview of Tall Mass Timber Construction per the 2021 IBC. Topics include heights and areas, construction fire safety, fire and connection design and special inspection, with Tall Mass Timber Construction in accordance with the 2021 IBC will be discussed.

### 2021 IPC Essentials

CEU: 0.4

#### Virtual – Track 15: Session 117

**Gary Gauthier**  
**Thursday, March 2**



This seminar covers the critical concepts of the 2021 *International Plumbing Code*. It assists code users in identifying the specific code concepts and how to better interpret the code. Finally, it focuses on those code concepts that will most impact the code professional on their jobs.



## SESSION DESCRIPTIONS

### 2021 IMC Essentials

CEU: 0.4

#### Virtual – Track 15: Session 118

Rich Anderson  
Thursday, March 2



This seminar covers the critical concepts of the 2021 *International Mechanical Code*. It assists code users in identifying the specific code concepts and how to better interpret the code. Finally, it focuses on those code concepts that will most impact the code professional on their jobs.

### Basic Electrical Safety

CEU: 0.8

#### Virtual – Track 17: Session 120

Howard Herndon  
Thursday, March 2



This program is designed for the non-electrical persons or inspectors that are exposed to energized electrical systems while inspecting or performing tasks on energized and de-energized equipment. We will focus on the electrical safe work practices, industry practices, requirements of OSHA and NFPA 70E. Learn the proper work practices to follow and prevent loss of life during the hazards involved in such work environments.

*The NFPA 70E 2021 is the recommended text for this class but, not required. Copies will also be available for purchase at EduCODE. Handouts will be provided and must be printed off by attendee prior to class.*

### Setting Up Volunteer Code Programs

CEU: 0.4

#### Virtual – Track 20: Session 124

Pete Roque  
Thursday, March 2



In many jurisdictions a code official can be overwhelmed by the amount of cases assigned, while some cases are complex others are not. Having additional resources such volunteers can assist a jurisdiction in being able to take on easy tasks such as verifying bulky items, graffiti, and small re-inspections that could be done from the public right away. In this class you will learn how you can create a program from recognizing goals and objectives to getting upper management or city council support.

## SESSION DESCRIPTIONS

### Officer Safety – Encountering Mental Illness in the Field and Code Officer Self Care

CEU: 0.4

#### Virtual – Track 20: Session 125

Cecilia Muela

Thursday, March 2



Approximately 1 in 5 adults in the US suffer from mental illness, and the numbers increase when it comes to serious mental illness. Often times, code enforcement officers are tasked with inspections where they may come across an individual that may suffer from some sort of mental illness and the approach to these situations are vital in keeping the code officer safe. On the flipside, it is also important to understand how to protect the code enforcement officer from PTSD as a result of traumatic events as related to code enforcement. This class will discuss Mental Health tactics in the field, as well as mental health tactics for the Code Enforcement Officer.

### 2021 IBC Accessibility & Usability

CEU: 0.8

#### Virtual – Track 21: Session 126

George Mann

Thursday, March 2



This seminar focuses on the minimum requirements for new or existing construction of accessible commercial buildings and residential facilities for compliance with the *International Building Code*® (IBC®) and ICC A117.1 *Accessible and Usable Buildings and Facilities*. It addresses the design, plan review and inspection of buildings and facilities to ensure that people with physical impairments, visual impairments and hearing impairments can use the facilities. Attendees will participate in activities that involve questions and answers, discussion and case study, performing parts of individually and in groups.

## SESSION DESCRIPTIONS

### Application and Administration of I-Codes

CEU: 0.4

#### In-Person – Track 1: Session 67

Tim Ryan  
Friday, March 3

#### Virtual – Track 14: Session 129

John Gibson  
Friday, March 3



Chapter 1 of each of the I-Codes is considered by many as the most important chapter in each of those publications. Although many jurisdictions modify the chapter to some degree, the fundamental concepts and principles typically remain to guide users in the code's proper application and administration. The seminar will focus on two primary areas of emphasis: 1) application of the provisions based on the concepts of minimum standard, AHJ interpretative authority, alternate methods and materials, and coordination of potential conflicting provisions; and 2) administrative functions including code official, plan review and inspector responsibilities.

### 2021 IBC Assembly Means of Egress

CEU: 0.4

#### In-Person – Track 1: Session 68

Doug Thornburg  
Friday, March 3

#### Virtual – Track 14: Session 128

Kim Paarlberg  
Friday, March 3



Focusing on Section 1030 of the 2021 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 1030. The seminar also includes a discussion of ICC 300, *Standard for Bleachers, Folding and Telescoping Seating, and Grandstands*. Specific topics include: main exits, width of means of egress, smoke-protected seating, assembly aisles, aisle accessways, handrails, guards, bleachers and telescoping seating.

### 2021 IBC Fire and Smoke Protection Features

CEU: 0.8

#### In-Person – Track 2: Session 69

George Mann  
Friday, March 3

#### Virtual – Track 15: Session 130

Jay Woodward  
Friday, March 3



This seminar provides a comprehensive review of the fire and smoke protection methods established in IBC Chapter 7. The concepts discussed will provide a basis for the analysis and identification of which components require fire-resistance ratings; where fire-resistance-rated construction is required in building construction; where smoke-resistant construction is mandated; and the use of fire door assemblies, fire window assemblies, penetration firestopping systems, fire dampers and smoke dampers.

## SESSION DESCRIPTIONS

### Medical Gas Basics

CEU: 0.8

**In-Person – Track 3: Session 70**  
Scott Winn  
Friday, March 3

**Virtual – Track 16: Session 131**  
Chad Winn  
Friday, March 3



An introduction to Medical Gas Systems covering basics of source equipment, piping, valves, inlets/outlets, and alarms. Also briefly discussing installation, inspection, verification, and maintenance requirements.

### Electrical Safety and NFPA 70E 2021

CEU: 0.8

**In-Person – Track 13: Session 71**  
Howard Herndon  
Friday, March 3



This is an extensive and popular program analyzing the major points to enable attendees to further their knowledge on safe practices related to electrical safety based on the new 2021 edition of NFPA 70E. Extremely detailed instructions and demonstrations are presented relating to personal protective equipment (PPE). The demonstrations of PPE allow each participant to learn the proper practices to follow and prevent loss of life during the hazards involved in such work environments.

*The NFPA 70E 2021 is the recommended text for this class and each attendee bring their own copy. Copies will also be available for purchase at EduCode.*

### Applying Codes to Cannabis Facilities

CEU: 0.8

**In-Person – Track 5: Session 72**  
Steve Thomas  
Friday, March 3

**Virtual – Track 18: Session 121**  
Bill Clayton  
Thursday, March 2



This seminar will be a full exploration of the multitude of building uses and mixed uses related to the burgeoning cannabis industry, and how the codes may apply. The session will discuss the applicable requirements for these facilities in the different I-Codes and the NEC. The classification of the occupancies and different code requirements will be discussed as well.

## SESSION DESCRIPTIONS

### Innovation and Change

CEU: 0.4

**In-Person – Track 6: Session 73**  
**Tim Schneider & Kelley Reynolds**  
**Friday, March 3**

**Virtual – Track 19: Session 134**  
**Tim Schneider & Kelley Reynolds**  
**Friday, March 3**



We have more memory and storage in our phones compared to the first computers we owned. Drones deliver packages to our doorstep. Human organs are being grown in a laboratory and you can't give away CD's, DVD's or VHS tapes at a garage sale. Change and innovation are everywhere and successful leaders both embrace change and stimulate innovation; both personally and with their team. This program provides the powerful tools to reduce the loss of productivity associated with any change event, build partnerships with those affected by change and work to condition their team and selves to embrace change. Leadership TRANSFORMATION-Innovation and Change also presents the skills needed to become more innovative, creative and produced sustained and impacting change in the working environment.

### Success Skills for Leaders

CEU: 0.4

**In-Person – Track 6: Session 74**  
**Tim Schneider & Kelley Reynolds**  
**Friday, March 3**

**Virtual – Track 19: Session 135**  
**Tim Schneider & Kelley Reynolds**  
**Friday, March 3**



We have more memory and storage in our phones compared to the first computers we owned. Drones deliver packages to our doorstep. Human organs are being grown in a laboratory and you can't give away CD's, DVD's or VHS tapes at a garage sale. Change and innovation are everywhere and successful leaders both embrace change and stimulate innovation; both personally and with their team. This program provides the powerful tools to reduce the loss of productivity associated with any change event, build partnerships with those affected by change and work to condition their team and selves to embrace change. Leadership TRANSFORMATION-Innovation and Change also presents the skills needed to become more innovative, creative and produced sustained and impacting change in the working environment.

### Officer Safety De-Escalation, Situational Awareness and Inspection Best Practices and Danger Signs Before an Attack

CEU: 0.4

**In-Person – Track 13: Session 75**  
**Tim Sun**  
**Friday, March 3**



The student will learn basic officer safety skills such as awareness, de-escalation, inspection best practices and self-defense tips. Students will also learn about protective equipment options as well as regulatory agencies and recent laws that have passed which will help ensure their safety.

## SESSION DESCRIPTIONS

### Inspector Skills – Intro to Customer Service

CEU: 0.4

**In-Person – Track 7: Session 76**  
**Barbara Burlingame & Tana Bryant**  
**Friday, March 3**



It's all about customer service. You will learn the soft skills needed to improve the day to day non-technical traits and behaviors that will enhance your ability to deal with contractors, residents, office personnel, and even your governing body. These skills are vital when it comes to decision making, professionalism, problem solving and time management.

### 2021 IRC Building Safety Features

CEU: 0.8

**In-Person – Track 8: Session 77**  
**Sandra Hyde**  
**Friday, March 3**



This seminar addresses the critical concepts of the 2021 *International Residential Code*® (IRC®) regarding fire and life safety issues. These concepts provide a basis for the correct use of the code in building planning, fire-resistance, means of egress, emergency escape and rescue, safety glazing and other building safety provisions. Discussion relates to the design, plan review and inspection decisions necessary to ensure safe residential buildings complying with the IRC.

### HVAC Design, Review, and Performance for IECC Compliance

CEU: 0.8

**In-Person – Track 9 Session 78**  
**Les Lazareck**  
**Friday, March 3**



Documentation submitted for heating, ventilation and cooling sizing for Residential IECC compliance can come from multiple software programs that do not present the Manual J, D and S calculations the same. Learn what goes into load calculations and how to identify and read the required documentation from a few popular ACCA Approved Manual J software applications. Discover the many benefits of correctly sizing HVAC systems and how to correctly measure duct leakage, envelope tightness (blower door) and mechanical ventilation.

### UPC Grease Interceptors, Emphasis on Hydro-mechanical Interceptors

CEU: 0.4

**In-Person – Track 10 Session 79**  
**Dave Ledda**  
**Friday, March 3**



This seminar will focus on Hydro-mechanical Grease Interceptor installation and sizing per Section 1014, 2018/2021 UPC. This is a great seminar for contractors, engineers, plans examiners and inspectors who will install, design, review and inspect hydro-mechanical grease interceptors.



## SESSION DESCRIPTIONS

### Water Demand Calculator and the Future of Plumbing

CEU: 0.4

**In-Person – Track 10 Session 80**

**Christoph Lohr**  
**Friday, March 3**



This presentation discusses the potential health and safety risks associated with improper plumbing installation, fixtures, and maintenance. Specifically covered in this program are the potential hazards of scalding as well as the major health concerns regarding the proliferation and spreading of SARS, Legionella and COVID.

### 2021 IBC Chapter 17 – Special Inspections & Tests

CEU: 0.8

**In-Person – Track 11 Session 81**

**Chris Kimball**  
**Friday, March 3**



This seminar will dissect the requirements of Chapter 17 of the IBC. A detailed discussion will be provided for each designated special inspection, structural testing, and structural observation item listed in the building code. Project scenarios will be provided and a roundtable discussion will be had as to what inspection and testing items would be required for each example. A substantial amount of time will be used to discuss what qualifications are necessary for special inspectors, testing agencies and structural observers. Each attendee will be provided with multiple templates that can be used to oversee the special inspection program within a jurisdiction.

### Advanced High-Rise Building Design Topics

CEU: 0.8

**In-Person – Track 12 Session 82**

**Ed Kaminski**  
**Friday, March 3**

Section 403 of the IBC gives the requirements, but not always the means for compliance. This seminar will go over design approaches and the background of the requirements with review of several high-rise incidents that have led to new code provisions and on-going efforts for high-rise safety. The topics include site considerations, the design process, types of structures, pre-planning / building information cards, water supply and pumping challenges, smoke control / smoke removal, elevators, exterior fire spread, occupied roofs, emergency responder radio coverage and firefighter air replenishment systems.

### Code Enforcement and Landlord Tenant Relations: Seattle Style

CEU: 0.4

**Virtual – Track 20: Session 136**

**Liz Kryminski & Maureen Roat**  
**Friday, March 3**



When dealing with rental properties, local code officers may encounter property owners who shift compliance responsibilities to their tenants, and tenants who shift compliance responsibilities to their landlords. Although the Landlord-Tenant Act governs some of these interactions, cities and counties can adopt additional restrictions and regulations to clarify the responsibilities of both property owners and tenants.

## SESSION DESCRIPTIONS

### Legal Aspects

CEU: 0.4

**Virtual – Track 20: Session 137**  
**Maureen Roat**  
**Friday, March 3**



The effective and proper administration of a building/code department states the building official/code enforcement officers are well versed in the actions taken or not taken by their department. This course will cover legal terms and case law that is imperative for the department to know while performing their respective duties. This course does not imply that the building/code department should not seek legal counsel before proceeding with any legal actions.

### 2021 IBC Apartment Buildings

CEU: 0.8

**Virtual – Track 21: Session 138**  
**Roger Axel**  
**Friday, March 3**



This seminar addresses the key issues of the 2021 *International Building Code*® (IBC®) that are applicable to residential multi-family structures classified as Group R-2 occupancies. The focus will be on those requirements that are unique to apartment buildings, with an emphasis on fire-and life-safety concerns. In addition, those accessibility scoping provisions applicable specifically to apartment buildings will be addressed.

### Residential Energy Modeling, Code Compliance Documentation and Testing

CEU: 0.8

**Virtual – Track 22: Session 139**  
**Robby Schwarz**  
**Friday, March 3**



Documentation submitted for IECC Compliance can come from multiple software programs that do not present the results the same. Learn how to identify and read the required documentation for each of the “four” compliance paths. Discover the many benefits of the mandatory testing requirements and how to correctly measure duct leakage, envelope tightness (blower door) and mechanical ventilation.

## REGISTRATION INFORMATION

Please visit [iccsafe.org/educode](https://iccsafe.org/educode) to register.

**Registration is online only.**

*NOTE: Registration will require a username and password to be created with the ICC (Membership not required). Your course information, schedule and completion certificates will be available through ICC Training*

If you need assistance, please contact ICC Training at (888) ICC-SAFE or [learn@iccsafe.org](mailto:learn@iccsafe.org)

Registration fees include: instruction, reference materials or books (when applicable), lunch and break refreshments (In Person Only). Codes and other reference books are NOT provided and are the responsibility of the student. For your convenience, code books and reference materials may be purchased from the International Code Council (ICC) either online at [shop.iccsafe.org](https://shop.iccsafe.org) or onsite at the ICC Bookstore. Please review the session descriptions for required reference materials or supplies.

Attendees who have signed up for the virtual classes will receive an email with class login information before the seminar.

## REGISTRATION COSTS

### IN PERSON REGISTRATION

\$225 – Per Day or Session

\$900 – Full Five-Day Week per Registrant

### VIRTUAL REGISTRATION

\$150 – Per Day or Session

\$600 – Full Five-Day Week per Registrant

## CANCELLATION POLICY

If you need to cancel, EduCODE must receive notification in writing by January 27, 2023 to receive a full refund. All refund requests after this date will be credited toward a future EduCODE conference attendance only. Please contact [learn@iccsafe.org](mailto:learn@iccsafe.org) with cancellation requests.

*Should circumstances beyond the control of the Southern Nevada Chapter of the International Code Council (SNICC) arise; such as acts of God, war, acts of terrorism, civil unrest, government regulations or mandates, disaster, strikes or curtailment of transportation facilities – to the extent that such circumstances make it impossible or illegal for SNICC to provide EduCODE, SNICC, its officers, members, employees and contractors shall not be held liable or responsible beyond providing a refund for the seminar.*

## SUBSTITUTIONS

Whenever a registrant is unable to attend a paid seminar, a written request for substitution may be made by contacting ICC Training at [learn@iccsafe.org](mailto:learn@iccsafe.org). Include the name and email address of the current registrant and the name and email address of the registrant who will be attending. Also include the names of the courses that will be impacted. *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 Program**

for CEUs toward maintenance of your ICC certifications.

Please check the website for



**PREFERRED  
EDUCATION  
PROVIDER**

updated AIA approvals at [iccsafe.org/educode](https://iccsafe.org/educode). Check with your local licensing board for additional CEU requirements.

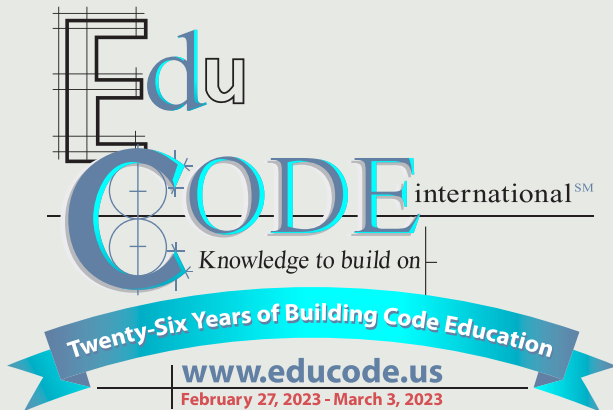
## EDUCODE EVENTS

- **Tuesday Night (February 28) | 5:30 PM – 7:30 PM**  
**Student Appreciation and Networking Social**  
Come join us for food, drinks and fun!
- **Wednesday Night (March 1) | 5:30 PM – 7:30 PM**  
**Exhibitor and Industry Networking Game Night**  
Food, drinks, games, prizes and tons of fun.
- **Thursday Night (March 2) | 6:00 PM – 9:00 PM**  
**Annual Bowling Networking Event**  
Come and join us for yet another opportunity to network outside of the classroom with your fellow students, instructors and tradeshow partners. Food, drink and prizes and lots of fun!
- **EduCODE Expo | Daily from 7:00 AM – 5:00 PM**  
Come visit the various suppliers of products and services that affect our built environment.
- **ICC Bookstore | Mon. - Thu. 7:00 AM – 5:00 PM**  
**Friday 7:00 AM – Noon**

## CERTIFICATION & TESTING

Exams will be offered on Wednesday (March 1) and Thursday (March 2). Exams will begin at 5:30 PM.

Please check [iccsafe.org/educode](https://iccsafe.org/educode) for more detailed information including tests offered and pricing.



# EduCODE International Conference & EXPO 2023

[iccsafe.org/educode](https://iccsafe.org/educode)

1-888-ICC-SAFE (422-7233), ext. 33821

## REGISTRATION CHECKLIST

Contact the International Code Council at 1-888-422-7233, extension 33821 or online at [iccsafe.org/educode](https://iccsafe.org/educode)

- Best Value \$\$ – Full week Registration
- Deadline February 23, 2023
- For registration questions, contact the International Code Council at (888) 422-7233 Ext 33821 or [learn@iccsafe.org](mailto:learn@iccsafe.org)

### Pre-Registered?

- Virtual: A link will be emailed prior to the seminar with login instructions
- On-Site: Go directly to the Registration Desk and pick up your registration packet

### On Site Registration Hours

- Sunday: 5:00 – 7:00 PM, M–F: 6:30 AM – 3:00 PM

## SCHEDULE (VIRTUAL AND IN-PERSON)

### Full-Day Class Schedule (0.8 CEU)

- Classes start: 7:30 AM Pacific Time
- Lunch Break 1½-hour break
- Classes End 5:00 PM Pacific Time

### Half-Day Class Schedule (0.4 CEU)

- A.M. Classes 7:30 AM – 11:30 AM Pacific Time
- Lunch Break 1½-hour break
- P.M. Classes 1:00 PM – 5:00 PM Pacific Time

## HOTEL CHECKLIST

- Contact The Orleans Hotel at 1-800-675-3267 or [www.orleanscasino.com/groups](https://www.orleanscasino.com/groups)
- Use EduCODE Group Code AED3C02
- Deadline January 25, 2023



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



[www.snicc.org](https://www.snicc.org)  
[www.educode.us](https://www.educode.us)