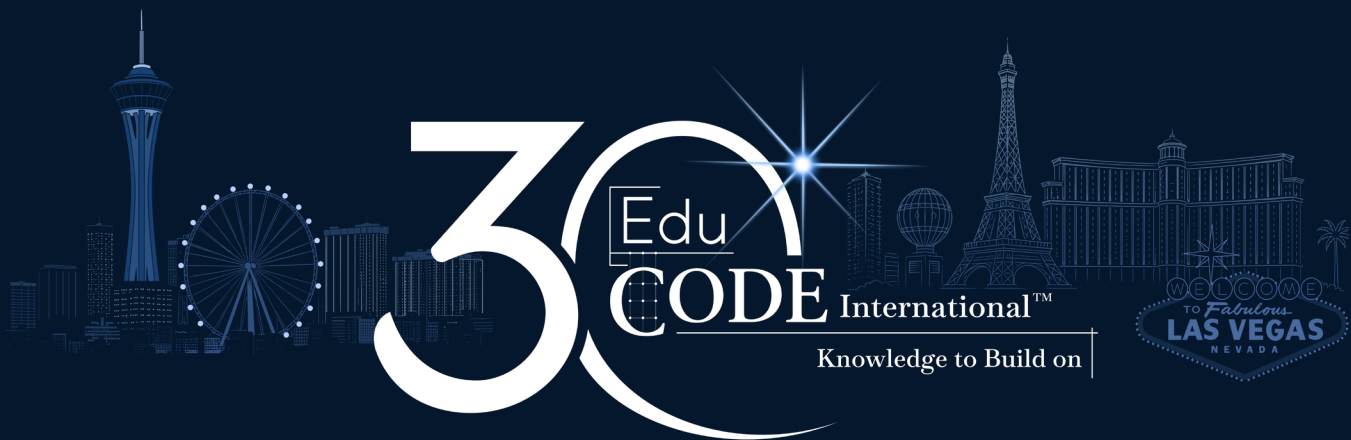




March 1 – 5, 2027

1-888-ICC-SAFE (422-7233), ext. 4

iccsafe.org/educode





Welcome to the 30th anniversary of EduCODE!

We are excited to celebrate this achievement and have made EduCODE better than ever. We are again offering both in-person and virtual classes to help meet the needs of you- our friends, colleagues and customers. EduCODE is designed around your comments, suggestions and requests to maintain our commitment as the premier educational training for code professionals anywhere. This year, we are offering over 170 classes to ensure we meet the changing needs of all attendees.

All courses offered at EduCODE, whether online or in-person, are approved for ICC continuing education units (CEUs), with the majority also eligible for CEUs through AIA. Attendees have numerous opportunities to network and collaborate with nationally acclaimed instructors, industry professionals showcasing their latest products, technology and services, ICC staff from several departments and fellow code professionals. EduCODE also offers an expansive Expo that is open Monday – Thursday for your convenience.

Whether you attend for the entire week or one day, your EduCODE experience will be rewarding, beneficial and FUN. Our special networking events are designed to bring everyone together outside the classroom in a relaxed, informal and fun setting to enhance the EduCODE experience.

As always, I look forward to meeting everyone at EduCODE and to another outstanding event. Should you have any questions or suggestions, please stop by and ask any of our EduCODE volunteers or email me at aellis.educode@gmail.com. We are always here to ensure you have the best experience possible and again, welcome to our 30th celebration of EduCODE. You'll be glad you're attending!!

Sincerely,

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

Alan Ellis
EduCODE Director

Register for 2027 EduCODE Today!

Live Classes

Attending in person?
Check out the **Orange Tracks** for the
In-Person classes offered at the Orleans Hotel.

Virtual Classes

Can't travel? Join us virtually!
Check out the **Blue Tracks** for the
Virtual offerings.

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 and click **Individual Registration**. You will see the registration page as shown below and follow the prompts to complete your individual registration.

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

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

1. Click on Individual Registration (same process as above). Complete attendee #1. Once entered, you will be prompted if you will be registering any other attendees for this event:

Will you be registering any other attendees for this event?*

☐ Yes ☐ No

Back

Continue

After you click Yes, you will be prompted to enter the information for the additional attendee. You may repeat this process until you register all your participants.

2. You may register groups of 10 or more by clicking **Group Registration** on the ICC EduCODE site (iccsafe.org/educode) and completing the downloadable form. Email completed form to educodeinternational25@gmail.com.

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.

SESSION DESCRIPTIONS – MONDAY, MARCH 1

2024 IRC Essentials



CEU: 0.8

Instructor: Sandra Hyde

LIVE

SESSION 1

TRACK 1

This class examines basic concepts of the 2024 *International Residential Code*® (IRC®). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IRC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This course will help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them.

2024 IRC Essentials



CEU: 0.8

Instructor: Rich Truitt

VIRTUAL

SESSION 2

TRACK 2

This class examines basic concepts of the 2024 *International Residential Code*® (IRC®). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IRC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This course will help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them.

2024 IRC Significant Changes



CEU: 0.8

Instructor: Robert Rice

LIVE

SESSION 3

TRACK 3

This class reviews and analyzes selected significant changes from the 2021 to the 2024 *International Residential Code*® (IRC®). It familiarizes building officials, fire officials, plans examiners, inspectors and design professionals with many of the significant changes in the 2024 IRC. It assists code users in identifying the specific code changes that have occurred, and more importantly, understanding the reason behind the

change. Changes to building, energy, mechanical, fuel gas, plumbing and electrical requirements are discussed. Finally, the seminar focuses on those code changes selected due to their frequency of application, special significance or change in application. This course uses the *Significant Changes to International Residential Code*®, 2024 Edition as its basis. The goal of *Significant Changes to International Residential Code*®, 2024 Edition is to familiarize building officials, fire officials, plans examiners, inspectors, design professionals, contractors, and others in the construction industry with many of the important changes in the 2024 IRC. This class is designed to assist those code users in identifying the specific code changes that have occurred and understanding the reasons behind the change.

2024 IFC Significant Changes



CEU: 0.8

Instructor: John Swanson

VIRTUAL

SESSION 4

TRACK 4

This course will focus on the major changes and their effects on design, construction, operations and inspection requirements. Discussion will be held on how the most significant administrative changes of the 2024 *International Fire Code*® (IFC®) impact the duties and responsibilities of the code official and how these changes impact the usability of the code.

2024 IECC Significant Changes



CEU: 0.8

Instructor: Jerica Stacey

LIVE

SESSION 5

TRACK 5

This course reviews the key changes from the 2021 to the 2024 edition of the *International Energy Conservation Code*® (IECC®) for residential and commercial buildings. Code officials, plans examiners, inspectors, and design professionals will identify specific code changes related to the building thermal envelope, mechanical and service water heating systems, lighting systems, and renewable energy systems and gain an understanding of the reasoning behind them. Administrative changes will also be reviewed. In addition, the course provides a broad overview of the IECC, including its scope, application, and intent, to provide context for the topics discussed. The class is based on the ICC publication *Significant Changes to the International Energy Conservation Code*®, 2024 Edition.

SESSION DESCRIPTIONS – MONDAY, MARCH 1

Fire Alarm Contractor Shortcuts and Mistakes (AM)

CEU: 0.4

Instructors: Keith Heckler & Merton Bunker

For electrical inspectors and fire marshals, this course will take a hard, yet maybe sometimes funny, look at fire alarm system installations with respect to NFPA 70 and 72 requirements. The presenters will provide enforcers' and designers' viewpoints. Another focus of these discussions will be possible reasons for the mishaps and reasonable mitigation options for resolution.

LIVE ONLY
SESSION 6
TRACK 6

Plan Review: Fire Alarm Plan Submittal Requirements (PM)

CEU: 0.4

Instructors: Keith Heckler & Merton Bunker

This class will cover the necessary information required with an NFPA 72 fire alarm system drawing submittal. You should expect to learn the importance and value of the information required with the design and installation document. Each subject line will be discussed in order to explain the rationale for the requirement and its long-term benefit to the building owner, fire alarm contractor, the community, ITM service providers, future fire inspectors of the building, and fire investigators.

LIVE ONLY
SESSION 7
TRACK 6

2024 IBC Occupancy Classification (AM)



CEU: 0.4

Instructor: George Reid

LIVE ONLY
SESSION 8
TRACK 7

The initial determination for buildings regulated under the *International Building Code*® (IBC®) is the classification of uses by occupancy. This seminar will focus on the importance of proper occupancy classification as each of the 26 classifications set forth in IBC. Chapter 3 will be reviewed as to the anticipated hazards involved. In addition, the concept and application of the incidental use provisions will be discussed.

2024 IBC Use of Fire Sprinklers & Alarms (PM)



CEU: 0.4

Instructor: Doug Thornburg

This course provides an overview of the 2024 *International Building Code*® (IBC®) provisions addressing the use of automatic sprinkler systems and fire alarm systems.

LIVE
SESSION 9
TRACK 7

2024 IBC Occupancy Classification (AM)



CEU: 0.4

Instructor: Roger Axel

The initial determination for buildings regulated under the *International Building Code*® (IBC®) is the classification of uses by occupancy. This seminar will focus on the importance of proper occupancy classification as each of the 26 classifications set forth in IBC. Chapter 3 will be reviewed as to the anticipated hazards involved. In addition, the concept and application of the incidental use provisions will be discussed.

VIRTUAL
SESSION 10
TRACK 8

2024 IBC Use of Fire Sprinklers & Alarms (PM)



CEU: 0.4

Instructors: Scott Adams, Paul Sincaglia, Julie Bryant

This course provides an overview of the 2024 *International Building Code*® (IBC®) provisions addressing the use of automatic sprinkler systems and fire alarm systems.

VIRTUAL
SESSION 11
TRACK 8

SESSION DESCRIPTIONS – MONDAY, MARCH 1

2026 NEC Update



CEU: 0.8

Instructors: Christel Hunter
& Randy Hunter

LIVE

SESSION 12

TRACK 9

The 2026 *National Electrical Code*® (NEC®) introduces significant updates aimed at enhancing safety, modernizing infrastructure, and aligning with emerging technologies. This course provides an in-depth overview of the most impactful changes, equipping professionals with the knowledge to ensure compliance. We'll discuss the reorganization of several articles, updates to equipment labeling requirements, and changes to address technology like fault-managed power, energy storage systems, and electric vehicle charging.

Attendees should bring a 2026 NEC book.

Residential Electrical Installations & Inspections



CEU: 0.8

Instructor: Keith Lofland

VIRTUAL

SESSION 13

TRACK 10

This program has been developed for those who are involved in the design, installation and inspection of electrical systems in new and existing one- and two-family dwelling units. This course will cover the general requirement and wiring methods as they apply to one- and two-family dwelling electrical systems. This includes requirements such as GFCI and AFCI requirements, receptacle spacing requirements, kitchen countertop receptacle outlet requirements, lighting outlets, branch circuit calculations, grounding and bonding, service requirements, and overcurrent protection and devices. This presentation will be based on the requirements of the 2020 edition of the *National Electrical Code*® (NEC®). Relevant updated changes to the 2026 NEC will also be discussed. This seminar will assist attendees in learning to make more accurate, thorough, and safe installations and inspections of electrical installations at one- and two-family dwellings.

Attendees should have a 2026 NEC book.

Building Department Management Workshop



CEU: 0.8

Instructor: Joshua Harmon

LIVE

SESSION 14

TRACK 11

Somewhere between “the building official shall enforce the provisions of this code” and Tuesday morning at 9:15 – when a council member is on line one, a contractor is at the counter with a permit he swears he already paid for, and someone has posted a photo of your stop work order on Facebook – sits the actual job of building code administration. Chapter 1 of the I-Codes tells you what you’re required to do, the source and limits of your authority, permits and construction documents, inspections, certificates of occupancy, fees, the board of appeals, violations, stop work orders, and unsafe structures. It does not tell you how to build a budget, hire and keep good inspectors, answer a reporter, respond to a public records request, or hold your ground when the pressure comes from above. Those duties are just as real, and they’re where careers are made and unmade –this intermediate-level workshop covers both; so bring your ordinance, bring your code, and bring the problem you’ve been chewing on.

Fire Effects on Building Construction Materials



CEU: 0.8

Instructor: Barbara Rice

VIRTUAL

SESSION 15

TRACK 12

This class will provide students with information regarding fire behavior and dynamics and how they influence the life-safety design and construction of the built environment. Through understanding how fire works, participants will learn the importance of maintaining a tenable environment for occupant evacuation as well as first responder operations. The ultimate goal will be to demonstrate how fire dynamics has influenced the need for fire-resistant construction, smoke control and exit requirements. The class will show how fire effects various building construction materials to show how they influence fire growth and spread throughout a building. Participants will learn how different materials respond to fire, including their behavior, resistance, and the impact on structural integrity.

SESSION DESCRIPTIONS – MONDAY, MARCH 1

Leadership IMPACT – Communications



CEU: 0.8

Instructors: Tim Schneider &
Kelley Reynolds

LIVE

SESSION 16

TRACK 13

VIRTUAL

SESSION 17

TRACK 14

The ability to communicate effectively and at the right frequency is at 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 nonverbal 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.

Crucial Conversations for Code Professionals (AM)



CEU: 0.4

Instructor: Maetrolisha Myers

LIVE ONLY

SESSION 18

TRACK 15

This interactive course equips code professionals with the tools to navigate high-pressure, emotionally charged conversations with confidence and clarity. Drawing from the principles in Crucial Conversations, participants will learn how to stay calm under pressure, speak persuasively without escalating conflict, and build mutual respect even during disagreements. Emphasis is placed on real-world code scenarios, including community complaints, enforcement discussions, and internal team communication.

Bullfrogs Before Breakfast – Case and Time Management (PM)



CEU: 0.4

Instructor: Maetrolisha Myers

LIVE ONLY

SESSION 19

TRACK 15

Taking inspiration from the productivity principle “eat the frog,” this course helps code professionals manage caseloads with greater efficiency and less stress. Participants will learn strategies for prioritizing high-impact tasks, creating

daily workflows, and tackling difficult assignments early to maximize productivity. The course includes real-world planning templates, field-tested time blocking methods, and a focus on reducing burnout while increasing results.

Basic Code Enforcement



CEU: 0.8

Instructor: John Gibson

VIRTUAL

SESSION 20

TRACK 16

This course educates new code officials in basic concepts of code enforcement and provides an opportunity to master skills that are fundamental to performing the duties of a code official. The goal of this training is to ensure that the participants will be able to explain the fundamentals of code enforcement and describe the duties of a code official.

When Disaster Strikes – Evaluator Training



CEU: 0.8

Instructor: Bill Bracken

LIVE

SESSION 21

TRACK 17

All too often before and after a disaster, an affected community is left on its own to struggle with preparing to respond to the event and then assessing and dealing with its damage. When assessments are not conducted quickly, a community's residents will reoccupy potentially unsafe structures. Small-scale localized events can often be handled by local building departments.

However, in a large-scale and/or large regional disaster, local building departments are unable to meet the demand and often unable to provide these valuable assessments. The ICC Disaster Response Inspector Program is aimed at training and certifying qualified professionals to assist with performing Post-Disaster Building Safety Evaluations.

It also discusses the NIMS credentialing process whereby properly trained and qualified Post-Disaster Building Safety Evaluators can be prequalified and rostered. By properly training and pre-qualifying a pool of individuals, building officials are better able to jump start recovery.

SESSION DESCRIPTIONS – MONDAY, MARCH 1

Wood: Fire Hazard and Fire-Rated Construction



CEU: 0.8

Instructor: Chris Athari

VIRTUAL

SESSION 22

TRACK 18

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 teach participants 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.

Firestop Inspection and Plan Review for AHJs and Code Officials



CEU: 0.8

Instructor: Aaron Johnson

LIVE ONLY

SESSION 23

TRACK 19

INTERNATIONAL FIRESTOP COUNCIL
THE Source of Firestop Expertise

This is a comprehensive, code-focused course designed for Authorities Having Jurisdiction (AHJs), inspectors, plan reviewers, and construction professionals responsible for enforcing fire and smoke compartmentation requirements. The course explains why firestopping is critical to life safety, what the *International Building Code*® (IBC®) and referenced standards require, and how to evaluate firestop systems in the field and during plan review.

Participants will gain a practical understanding of penetration firestop systems, membrane penetrations, fire-resistive joint systems, perimeter fire barrier systems, and fire-resistive duct enclosures. Emphasis is placed on recognizing compliant installations, navigating third-party certification directories, understanding testing and listing requirements, and identifying conditions that require engineering judgments or special inspections. Real-world fire case studies reinforce the consequences of inadequate fire containment and the importance of consistent, code-based enforcement.

2027 IPC/IMC/IFGC Sneak Peek (AM)



CEU: 0.4

Instructor: Gary Gauthier

LIVE

SESSION 24

TRACK 20

This course provides an advance look at significant changes incorporated into the 2027 editions of the *International Plumbing Code*® (IPC®), *International Mechanical Code*® (IMC®), and *International Fuel Gas Code*® (IFGC®). Participants will explore key revisions from the 2024 editions, with emphasis on the intent behind the changes and their potential impact on design, installation, inspection, plan review, and code enforcement.

Through discussion of selected substantive changes, attendees will gain an understanding of how the 2027 PMG provisions continue to address evolving technologies, industry practices, and health and life-safety considerations within the built environment. This course is intended for code officials, inspectors, plan reviewers, design professionals, contractors, and others seeking an early understanding of what to expect from the 2027 PMG I-Codes.

Commercial Cooking Hoods (PM)



CEU: 0.4

Instructor: Rich Anderson

LIVE

SESSION 25

TRACK 20

Commercial cooking installations require the coordinated application of multiple codes to properly address ventilation, exhaust, fuel gas, equipment, and fire and life-safety requirements. This course introduces participants to the minimum code requirements for commercial cooking operations in accordance with the 2027 *International Mechanical Code*® (IMC®), *International Fuel Gas Code*® (IFGC®), and *International Fire Code*® (IFC®).

Participants will examine the fundamental requirements associated with Type I and Type II hoods, commercial cooking appliances, exhaust and duct systems, makeup air, clearances, fuel gas considerations, and associated fire protection provisions. Emphasis is placed on understanding where the three codes intersect and how their requirements should be applied during design, plan review, installation, inspection, and enforcement.

SESSION DESCRIPTIONS – MONDAY, MARCH 1

2027 IMC Essentials (AM)



CEU: 0.4

Instructor: Jim Cika

VIRTUAL

SESSION 26

TRACK 21

This course provides participants with a practical introduction to the fundamental requirements of the 2027 *International Mechanical Code*® (IMC®) and its application within the built environment. Designed around the traditional ICC Essentials training format, the course focuses on the organization, navigation, intent, and application of the code while addressing commonly encountered mechanical systems and installations.

Participants will explore essential provisions governing mechanical equipment, ventilation, exhaust systems, duct construction and installation, combustion air, appliances, and other critical mechanical system requirements. Emphasis is placed on developing the ability to efficiently navigate the IMC, identify applicable provisions, and apply those requirements during plan review, inspection, installation, and code enforcement.

2027 ISPSC Sneak Peek & Inspections (PM)



CEU: 0.4

Instructor: Lisa Reiheld

VIRTUAL

SESSION 27

TRACK 21

This course combines an overview of the significant changes from the 2024 to the 2027 *International Swimming Pool and Spa Code*® (ISPSC®) with practical guidance for those responsible for permitting, plan review, and inspection of swimming pools, spas, and aquatic facilities.

Participants will examine important revisions incorporated into the 2027 ISPSC while developing an understanding of the critical items that should be evaluated throughout the permitting and inspection process. Particular attention is given to helping permit technicians, plan reviewers, and inspectors understand what to look for at each stage of a project, including documentation, barriers, circulation systems, equipment, safety provisions, and other code-regulated components. The course provides a practical connection between the requirements contained within the code and their application in the field.

2024 IBC Core Essentials



CEU: 0.8

Instructors:

Layne Western & Chris Kimball

LIVE

SESSION 28

TRACK 22

The intent of this course is to cover the general layout of the *International Building Code*® (IBC®) and how to use it. It is a great course for building officials, inspectors, plans examiners and design professionals. Attendees will learn how to navigate the code, locate requirements quickly, and apply them with confidence. IBC fundamentals are covered, including: administration, use and occupancy, types of construction, fire-resistive construction, means of egress, accessibility, structural requirements and numerous others. Whether you're new to the IBC or seeking a refresher, this course equips you with the knowledge and practical tools to interpret and enforce the regulations effectively in both plan review and field inspection.

Townhomes & Alternative Dwelling Structures



CEU: 0.8

Instructors: George Williams & Brittany Allen

VIRTUAL

SESSION 29

TRACK 23

This full-day training is designed for building officials, inspectors, plans examiners, and design professionals who are working with innovative housing projects under the *International Residential Code*® (IRC®). The class will focus on the unique code provisions, appendices, and IRC references that directly affect residential construction. Topics covered will include: townhomes, tiny homes, adus, strawbale construction and even intermodal shipping containers. The class will address key provisions, fire resistance, separation requirements, best practices and structural considerations. The course will help in interpreting and enforcing these specialized requirements, recognizing common pitfalls and laying out pathways for compliance. This is a full-day class blending lecture, code analysis, and practical examples.

SESSION DESCRIPTIONS – MONDAY, MARCH 1

Introduction to Building Plans Examination

CEU: 0.8

Instructor: Allen Burris

This course offers a step-by-step introduction to the complete building plan review process designed for the beginning plan reviewer and those looking to start a career in plans examination. You will learn how to perform a code analysis using the *International Building Code*® (IBC®) including topics such as occupancy classification, allowable height and area, construction type, fire separations and fire sprinkler requirements. From there, you will learn how to verify exiting requirements, accessibility, occupant loads, ceiling and wall construction, etc. While the focus will be on the IBC, the course will also touch on the basic plumbing, mechanical and electrical requirements for the building. By the end of this course, students will be equipped with the foundational knowledge needed to conduct a basic building plan review. To get the most out of this class, students should bring an IBC code book.

LIVE

SESSION 30

TRACK 24

preparing for the 2021 or 2024 ICC Permit Technician certification exam. Day 2 builds on the knowledge gained on Day 1.

Required Materials: Calculator, highlighter, 2021 or 2024 *International Building Code*, 2021 or 2024 *International Zoning Code*, and *Legal Aspects of Code Administration*

Recommended Materials: *Basic Code Enforcement*

Basics of Plan Reading



CEU: 0.8

Instructors:

NV Permit Technicians

VIRTUAL

SESSION 33

TRACK 27

This foundational course teaches entry-level construction professionals how to interpret construction drawings. Participants will navigate a complete set of plans including civil, architectural, structural, MEP (Mechanical, Electrical and Plumbing) drawings, along with related reports, calculations and specifications. This course will also include a focus on requirements for a complete submittal package, identifying critical code-compliance markers to streamline the permit application workflow. Participants will be provided the information to confidently communicate project requirements to jurisdictions holding authority, contractors, design professionals, and property owners.

2024 IBC Commercial Accessibility



CEU: 0.8

Instructor: Todd Snider

VIRTUAL

SESSION 31

TRACK 25

This course focuses on the accessibility requirements of the *International Building Code*® (IBC®) and ICC/ANSI A117.1 2017. It covers requirements for commercial buildings. The course also includes a discussion of accessibility requirements for existing structures undergoing additions, alterations, or change of use. The course covers IBC Assisted Toileting requirements and provisions for adult changing tables. There will be a review of requirements for assembly areas and recreational facilities. This course will not include information for multifamily dwellings.

B2 – 2024 Commercial Building Inspector Certification Test Academy – 3 Days



CEU: 2.4

Instructors: George Mann & Terrell Stripling

LIVE ONLY

SESSION 34

TRACK 28

The **3-day** commercial building inspector test academy is designed to assist you with taking the B2 Certification Exam. The test academy will cover in detail the topics of the exam. Throughout the academy you will be given an opportunity to answer questions that reference the exam resources. The topics of the commercial building inspector certification exam that will be covered include: general administration; building planning; footings and foundation; floor construction; wall construction and coverings; roof/ceiling construction and public safety and special construction.

Required Materials: 2024 *International Building Code*; *ACI 318-19: Building Code Requirements for Structural Concrete and Commentary*; and/or the *Concrete Manual: Concrete Quality and Field Practices 2021 IBC and ACI 318-19*

Exam is not included, but can be purchased for an additional fee. See page 45 for more details.

AM sessions start at 7:30 am PT | PM sessions start at 1:00 pm PT

The Complete Permit Technician – 2 Days



CEU: 1.6

Instructor: Steve Burger

LIVE ONLY

SESSION 32

TRACK 26

This **2-day course** is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic construction, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, and dealing with difficult customers. The course is recommended for front-counter personnel, other building department staff and those who may be interested in

SESSION DESCRIPTIONS – TUESDAY, MARCH 2

2024 IFC Essentials



CEU: 0.8

Instructors: Scott Adams,
Paul Sincaglia, Julie Bryant

LIVE

SESSION 35

TRACK 1

This class will introduce the application of the *International Fire Code*® (IFC®) administrative requirements, occupancy classification, general precautions against fire, emergency planning and preparedness, fire service features, interior finish, decorative materials and furnishings, fire protection systems, means of egress, and provide an introduction to hazardous materials. Activities and discussions will further enhance participant learning. This class is designed to familiarize and assist code officials in locating, describing and applying applicable code requirements of the IFC to determine compliance or noncompliance.

2024 IBC Significant Nonstructural Changes



CEU: 0.8

Instructor: Rob Emard

LIVE

SESSION 37

TRACK 3

This seminar reviews and analyzes selected significant changes from the 2021 to the 2024 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, structural provisions 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.

2024 IBC Essentials



CEU: 0.8

Instructor: John Gibson

VIRTUAL

SESSION 36

TRACK 2

This seminar focuses on the basic concepts of the 2024 *International Building Code*® (IBC®). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IBC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This class will help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them. It will address the organization of the code and how the IBC relates to the family of International Codes® (I-Codes®).

2024 IRC Significant Changes



CEU: 0.8

Instructor: Robert Rice

VIRTUAL

SESSION 38

TRACK 4

This class reviews and analyzes selected significant changes from the 2021 to the 2024 *International Residential Code*® (IRC®). It familiarizes building officials, fire officials, plans examiners, inspectors and design professionals with many of the significant changes in the 2024 IRC. It assists code users in identifying the specific code changes that have occurred, and more importantly, understanding the reason behind the change. Changes to building, energy, mechanical, fuel gas, plumbing and electrical requirements are discussed. Finally, the seminar focuses on those code changes selected due to their frequency of application, special significance or change in application. This course uses the *Significant Changes to International Residential Code*®, 2024 Edition as its basis. The goal of *Significant Changes to the International Residential Code*®, 2024 Edition is to familiarize building officials, fire officials, plans examiners, inspectors, design professionals, contractors, and others in the construction industry with many of the important changes in the 2024 IRC. This class is designed to assist those code users in identifying the specific code changes that have occurred and understanding the reasons behind the change.

SESSION DESCRIPTIONS – TUESDAY, MARCH 2

2024 IECC Residential Plan Review (AM)



CEU: 0.4
Instructor: Joshua Harmon

LIVE

SESSION 39

TRACK 5

This class is designed for building code officials, plan reviewers, and architects, providing them with a broad understanding of the IECC Residential Plan Review process. Participants will learn how to review residential plans effectively for compliance with IECC provisions, identify potential issues, and collaborate with design professionals to promote energy-efficient construction. Real-world examples and practical guidance will enhance participants' understanding, enabling them to streamline the review process while adhering to code requirements and supporting efficient residential building practices.

2024 IECC Commercial Plan Review (PM)



CEU: 0.4
Instructor: Joshua Harmon

LIVE

SESSION 40

TRACK 5

This class equips building code officials, plan reviewers, and architects with the skills to navigate the IECC Commercial Plan Review process effectively. The course provides practical strategies for identifying compliance issues, interpreting code provisions, and fostering collaboration between reviewers and designers. Real-world examples and step-by-step guidance streamline the review process, empowering attendees to enforce energy efficiency standards confidently while promoting sustainable design practices in commercial construction.

Wildland-Urban Interface Risk Assessment & Mitigation for the Fire Service—2 Days

CEU: 1.6
Instructor: US Fire Administration

This **two-day** course brings science-based fire engineering research and guidance to fire service personnel operating in WUI areas. Drawing on codes and standards, the *SFPE Foundation WUI Virtual Handbook*, and many other resources, this course provides a basic overview of fire dynamics; fire modeling; human behavior in fire; structural and property hardening; fire protection systems; risk assessment methods,

models, and training; stakeholder engagement; community notification and evacuation; codes, standards, and case studies; community hazard assessment, community design and protection; community education, messaging, and partnerships; and infrastructure hardening.

2024 IBC Exterior Wall & Opening Protection (AM)



CEU: 0.4
Instructor: Jay Elbetta

LIVE

SESSION 42

TRACK 7

This seminar addresses the various provisions in the *International Building Code*® (IBC®) dealing with exterior wall design and construction. Although such walls are primarily regulated due to their location on the lot, many other additional requirements are set forth in the code. Exterior bearing walls are regulated by Table 601, while the use of exterior exit stairways, exit courts and exterior areas of assisted rescue will also typically mandate some degree of fire resistance. Specific topics include: fire separation distance, location on lot, multiple buildings on the same lot, type of construction, combustible materials on exterior side of wall, exitways, including exterior exit stairways, exit courts, interior exit stairways and exterior balconies, exterior areas of assisted rescue, and fire wall termination.

2024 IBC Mixed Occupancies (PM)



CEU: 0.4
Instructor: George Reid

LIVE

SESSION 43

TRACK 7

Based on the provisions of Section 508 of the *International Building Code*® (IBC®), 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 – TUESDAY, MARCH 2

2024 IBC Exterior Wall & Opening Protection (AM)



CEU: 0.4

Instructor: Roger Axel

VIRTUAL

SESSION 44

TRACK 8

This seminar addresses the various provisions in the *International Building Code*® (IBC®) dealing with exterior wall design and construction. Although such walls are primarily regulated due to their location on the lot, many other additional requirements are set forth in the code. Exterior bearing walls are regulated by Table 601, while the use of exterior exit stairways, exit courts and exterior areas of assisted rescue will also typically mandate some degree of fire resistance. Specific topics include: fire separation distance, location on lot, multiple buildings on the same lot, type of construction, combustible materials on exterior side of wall, exitways, including exterior exit stairways, exit courts, interior exit stairways and exterior balconies, exterior areas of assisted rescue, and fire wall termination.

2024 IBC Mixed Occupancies (PM)



CEU: 0.4

Instructor: Roger Axel

VIRTUAL

SESSION 45

TRACK 8

Based on the provisions of Section 508 of the *International Building Code*® (IBC®), 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.

Commercial & Residential PV Systems

LIVE

SESSION 46

TRACK 9



CEU: 0.8

Instructor: Doug Smith

This is a full-day (8-hour) course is designed to walk the participants through important requirements related to commercial and residential solar photovoltaic (PV) systems based on the 2023 and 2026 *National Electrical Code*®. This course will cover topics including Article 690 general requirements, DC voltage allowance, disconnects, overcurrent protection, rapid shutdown of systems, wiring methods, grounding/bonding, and point of interconnection requirements. Topics to be covered include UL listing and certifications, working space, disconnects, overcurrent protection, wiring methods, utility grid-isolation, and signage. This course is beneficial for plan reviewers, inspectors, contractors, designers, and fire officials.

Health Care Electrical Systems

VIRTUAL

SESSION 47

TRACK 10



CEU: 0.8

Instructor: Mark Ode

This program will address the *National Electrical Code*® (NEC®) requirements for designing, installing and inspecting electrical installations in dental offices, dental surgery facilities, small and large medical offices, quick care facilities and medical surgery centers. There will be focus on the required specialty grounding and bonding, the required hospital grade receptacle outlets and the installation process for isolated ground (IG) receptacles in these facilities with special definitions required for general and critical care installations. Installation requirements for isolated power systems used for wet procedures will be discussed as well as ground fault protection of equipment (GFPE) in these locations based on 230.95 and 517.17 of the NEC. Design and installation requirements for essential electrical systems, such as life safety, critical, and equipment branch power, as determined by the NEC, NFPA 99, and NFPA 110 will also be reviewed.

Attendees should have a 2026 NEC book.

SESSION DESCRIPTIONS – TUESDAY, MARCH 2

Fire Effects on Building Construction Materials



CEU: 0.8
Instructor: Barbara Rice

LIVE

SESSION 48

TRACK 11

This class will provide students with information regarding fire behavior and dynamics and how it influences the life-safety design and construction of the built environment. Through understanding how fire works, participants will learn the importance of maintaining a tenable environment for occupant evacuation as well as first responder operations. The ultimate goal will be to demonstrate how fire dynamics has influenced the need for fire-resistant construction, smoke control and exit requirements. The class will show how fire affects various building construction materials to show how they influence fire growth and spread throughout a building. Participants will learn how different materials respond to fire, including their behavior, resistance, and the impacts on structural integrity.

Advanced Means of Egress



CEU: 0.8
Instructor:
Andre Jean

VIRTUAL

SESSION 49

TRACK 12

Ready to take your code knowledge to the next level? Advanced Means of Egress is a deep-dive course designed for building code professionals who want to master the more complex and nuanced aspects of egress design and enforcement under the model and locally adopted commercial building codes.

Leadership IMPACT – Team Member Engagement (AM)



CEU: 0.4
Instructors:
Tim Schneider &
Kelley Reynolds

LIVE

SESSION 50

TRACK 13

VIRTUAL

SESSION 52

TRACK 14

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.

Leadership IMPACT – Coaching (PM)



CEU: 0.4

Instructors: Tim Schneider &
Kelley Reynolds

LIVE

SESSION 51

TRACK 13

VIRTUAL

SESSION 53

TRACK 14

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.

Building Code for Code Enforcement Officers & Report Writing for Criminal Prosecution (AM)



CEU: 0.4

Instructor: Bryan Wagner

LIVE ONLY

SESSION 54

TRACK 15

In code enforcement, our engagement with the current building code is important but limited. This is because we usually investigate structures built 10, 50, or 100 years ago, to which the current code does not apply. Our job is to determine what was legal a long time ago and to be able to demonstrate it in a court of law. In this class we will learn the four areas in which we engage with the current code, but also how to research older building and zoning laws so we can enforce violations in pre-existing buildings. Every time you go into the field as a code enforcement officer, you must assume your case will go to court. Your prosecution report, therefore, starts from the moment you see the violation for the first time and take your first note. What will make the report solid is that, like a sturdy table, it will stand on four legs strong enough to hold the weight. One leg is the law: know how to interpret and apply often complex text to a particular situation. Another is the fact: gather photos, recordings, communication, and interviews to prove the violation occurred. The third is the correct responsible party: ensure you have found the person legally in control of the property, who knew about the violation, had the ability to correct it, and failed to do so. The fourth is the internal protocol: show you did everything—to the tee—the code and policy requires, and you did so in a reasonable and ethical manner. In this class, we will consider each element so your case can withstand legal scrutiny.

AM sessions start at 7:30 am PT | PM sessions start at 1:00 pm PT

SESSION DESCRIPTIONS – TUESDAY, MARCH 2

Mock Court Cases – From Beginning to End (PM)



CEU: 0.4

Instructor: Liz Kryzminski

LIVE

SESSION 55

TRACK 15

A mock code enforcement case trial, the presentation will walk participants through the entire enforcement process as if it were a real case, from complaint to final ruling. This format works well for training code officers, city attorneys, board members, judges, and administrative hearing officers.

Bullfrogs Before Breakfast: Case and Time Management (AM)



CEU: 0.4

Instructor: Maetrolisha Myers

VIRTUAL

SESSION 56

TRACK 16

Taking inspiration from the productivity principle “eat the frog,” this course helps code professionals manage caseloads with greater efficiency and less stress. Participants will learn strategies for prioritizing high-impact tasks, creating daily workflows, and tackling difficult assignments early to maximize productivity. The course includes real-world planning templates, field-tested time blocking methods, and a focus on reducing burnout while increasing results.

Situational Awareness: Protecting Your Career & Your Organization (PM)



CEU: 0.4

Instructor: Kerry Simpson

VIRTUAL

SESSION 57

TRACK 16

This course provides code enforcement professionals and managers with practical tools to strengthen situational awareness in the field, public, and political environments. Participants will learn how sound judgment, ethical decision-making, thorough documentation, and professional conduct can protect their careers, reduce organizational risk, and maintain public trust. The course emphasizes officer safety, emotional intelligence, professional neutrality, risk management, and awareness of public and digital scrutiny. It also explores the importance of accountability, internal controls, and checks and balances that help protect both employees and organizations from complaints, investigations,

misconduct, and liability. Through real-world examples, participants will gain practical strategies to make defensible decisions, navigate challenging situations, and contribute to a culture of professionalism and integrity.

Wood: Fire Hazard and Fire-Rated Construction



CEU: 0.8

Instructor: Chris Athari

LIVE

SESSION 58

TRACK 17

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 teach participants 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.

When Disaster Strikes – Evaluator Training



CEU: 0.8

Instructor: Bill Bracken

VIRTUAL

SESSION 59

TRACK 18

All too often before and after a disaster, an affected community is left on its own to struggle with preparing to respond to the event and then assessing and dealing with its damage. When assessments are not conducted quickly, a community's residents will reoccupy potentially unsafe structures. Small-scale localized events can often be handled by local building departments.

However, in a large-scale and/or large regional disaster, local building departments are unable to meet the demand and often unable to provide these valuable assessments. The ICC Disaster Response Inspector Program is aimed at training and certifying qualified professionals to assist with performing Post-Disaster Building Safety Evaluations.

It also discusses the NIMS credentialing process whereby properly trained and qualified Post-Disaster Building Safety Evaluators can be prequalified and rostered. By properly training and pre-qualifying a pool of individuals, building officials are better able to jump start recovery.

SESSION DESCRIPTIONS – TUESDAY, MARCH 2

Passive Fire Protection: A Code Official's Guide to IBC Chap 7 & 8



CEU: 0.8

Instructors: Sarah Carter & John Swanson

LIVE ONLY

SESSION 60

TRACK 19

This course provides building and fire code officials with a practical understanding of the *International Building Code*® (IBC®) requirements for passive fire protection, with a focus on Chapters 7 and 8. Participants will examine fire-resistance-rated construction, fire barriers, fire partitions, smoke barriers, horizontal assemblies, shaft enclosures, and protection of openings and penetrations. The course also explores interior finishes and decorations and their impact on fire growth and life safety. Participants will examine the differences between ASTM E84 and NFPA 286, floor finish requirements, and decorative materials that present unique fire hazards. The course connects these requirements to practical plan review and inspection applications.

2027 IMC Essentials (AM)



CEU: 0.4

Instructor: Mark Fasel

LIVE

SESSION 61

TRACK 20

This course provides participants with a practical introduction to the fundamental requirements of the 2027 *International Mechanical Code*® (IMC®) and its application within the built environment. Designed around the traditional ICC Essentials training format, the course focuses on the organization, navigation, intent, and application of the code while addressing commonly encountered mechanical systems and installations.

Participants will explore essential provisions governing mechanical equipment, ventilation, exhaust systems, duct construction and installation, combustion air, appliances, and other critical mechanical system requirements. Emphasis is placed on developing the ability to efficiently navigate the IMC, identify applicable provisions, and apply those requirements during plan review, inspection, installation, and code enforcement.

2027 ISPSC Sneak Peek & Inspections (PM)



CEU: 0.4

Instructor: Rich Anderson

LIVE

SESSION 62

TRACK 20

This course combines an overview of the significant changes from the 2024 to the 2027 *International Swimming Pool and Spa Code*® (ISPSC®) with practical guidance for those responsible for permitting, plan review, and inspection of swimming pools, spas, and aquatic facilities.

Participants will examine important revisions incorporated into the 2027 ISPSC while developing an understanding of the critical items that should be evaluated throughout the permitting and inspection process. Particular attention is given to helping permit technicians, plan reviewers, and inspectors understand what to look for at each stage of a project, including documentation, barriers, circulation systems, equipment, safety provisions, and other code-regulated components. The course provides a practical connection between the requirements contained within the code and their application in the field.

Commercial Cooking Hoods (AM)



CEU: 0.4

Instructor: Rich Anderson

VIRTUAL

SESSION 63

TRACK 21

Commercial cooking installations require the coordinated application of multiple codes to properly address ventilation, exhaust, fuel gas, equipment, and fire and life-safety requirements. This course introduces participants to the minimum code requirements for commercial cooking operations in accordance with the 2027 *International Mechanical Code*® (IMC®), *International Fuel Gas Code*® (IFGC®), and *International Fire Code*® (IFC®).

Participants will examine the fundamental requirements associated with Type I and Type II hoods, commercial cooking appliances, exhaust and duct systems, makeup air, clearances, fuel gas considerations, and associated fire protection provisions. Emphasis is placed on understanding where the three codes intersect and how their requirements should be applied during design, plan review, installation, inspection, and enforcement.

SESSION DESCRIPTIONS – TUESDAY, MARCH 2

2027 IPC/IMC/IFGC Sneak Peek (PM)



CEU: 0.4

Instructor: Gary Gauthier

VIRTUAL

SESSION 64

TRACK 21

This course provides an advance look at significant changes incorporated into the 2027 editions of the *International Plumbing Code*® (IPC®), *International Mechanical Code*® (IMC®), and *International Fuel Gas Code*® (IFGC®). Participants will explore key revisions from the 2024 editions, with emphasis on the intent behind the changes and their potential impact on design, installation, inspection, plan review, and code enforcement.

Through discussion of selected substantive changes, attendees will gain an understanding of how the 2027 PMG provisions continue to address evolving technologies, industry practices, and health and life-safety considerations within the built environment. This course is intended for code officials, inspectors, plan reviewers, design professionals, contractors, and others seeking an early understanding of what to expect from the 2027 PMG I-Codes.

AI in the Permitting Process



CEU: 0.8

Instructor:

George Williams

LIVE

SESSION 65

TRACK 22

This interactive course explores how artificial intelligence is being applied throughout the permitting process, from intake and code research to plan review, inspections and beyond. Hear from industry leaders developing AI solutions for building department, including live demonstrations and real-world insight. The course also provides the regulatory perspective, practical implementation considerations, and ample time for questions and discussions.

2024 IBC Core Essentials



CEU: 0.8

Instructors:

Layne Western & Chris Kimball

VIRTUAL

SESSION 66

TRACK 23

The intent of this course is to cover the general layout of the *International Building Code*® (IBC®) and how to use it. It is a great course for building officials, inspectors, plans examiners and design professionals. Attendees will learn how to navigate the code, locate requirements quickly, and apply them with confidence. IBC fundamentals are covered, including: administration, use and occupancy, types of construction, fire-resistive construction, means of egress, accessibility, structural requirements and numerous others. Whether you're new to the IBC or seeking a refresher, this course equips you with the knowledge and practical tools to interpret and enforce the regulations effectively in both plan review and field inspection.

2024 IBC Commercial Accessibility



CEU: 0.8

Instructor: Todd Snider

LIVE

SESSION 67

TRACK 24

This course focuses on the accessibility requirements of the *International Building Code*® (IBC®) and ICC/ANSI A117.1 2017. It covers requirements for commercial buildings. The course also includes a discussion of accessibility requirements for existing structures undergoing additions, alterations, or change of use. The course covers IBC Assisted Toileting requirements and provisions for adult changing tables. A review of requirements for assembly areas and recreational facilities will be discussed. This course will not include information for multifamily dwellings.

SESSION DESCRIPTIONS – TUESDAY, MARCH 2

2024 IBC Multifamily Accessibility



CEU: 0.8

Instructor: Alexa Nielson

VIRTUAL

SESSION 68

TRACK 25

This class will focus on the specific accessibility requirements for multifamily dwellings including townhouses, apartments, hotels, and congregate living facilities. It will review Section 1108 of the *International Building Code*® (IBC®) and Chapter 11 of ICC A117.1 2017. It will provide an overview of FHA and ADA requirements and how they are incorporated into the IBC. It will highlight what features are required to be accessible in various types of multifamily projects and the extent of accessibility requirements. It will go into detail of the requirements of ICC A117.1 for Accessible, Type A, and Type B units. It outlines when each type of unit should be used and highlights the differences between these types of units.

2024 I-Code Review for Permit Techs



CEU: 0.8

Instructor: Rich Truitt

VIRTUAL

SESSION 69

TRACK 27

Permit technicians serve as the first point of contact in the development and permitting process, making a solid understanding of code administration essential. This course provides a comprehensive review of the 2024 International Codes® with a primary focus on Chapter 1 of the *International Building Code*® (IBC®), the *International Zoning Code*® (IZC®), and the *International Property Maintenance Code*® (IPMC®).

Participants will explore the administrative provisions that govern permit applications, construction documents, inspections, certificates, code enforcement, violations, and appeals. The course also examines how zoning regulations influence permit review and development approvals, including land use, setbacks, occupancy considerations, and site compliance requirements. In addition, attendees will gain an understanding of the IPMC's role in maintaining existing buildings and properties, including common maintenance issues, enforcement procedures, and coordination with building department activities.

Permit technicians will learn how to identify code-related concerns in the permitting process, improve customer service, communicate effectively with applicants, and support consistent code administration. Participants will leave with the knowledge and confidence needed to navigate the permit process and assist customers more effectively.

SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

2024 IBC Essentials



CEU: 0.8

Instructor: John Gibson

LIVE

SESSION 70

TRACK 1

This seminar focuses on the basic concepts of the 2024 *International Building Code*® (IBC®). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IBC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This class will help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them. It will address the organization of the code and how the IBC relates to the family of International Codes® (I-Codes®).

2024 IFC Essentials



CEU: 0.8

Instructor: John Swanson

VIRTUAL

SESSION 71

TRACK 2

This class will introduce the application of the *International Fire Code*® (IFC®) administrative requirements, occupancy classification, general precautions against fire, emergency planning and preparedness, fire service features, interior finish, decorative materials and furnishings, fire protection systems, means of egress, and provide an introduction to hazardous materials. Activities and discussions will further enhance participant learning. This class is designed to familiarize and assist code officials in locating, describing and applying applicable code requirements of the IFC to determine compliance or noncompliance.

2024 IFC Significant Changes



CEU: 0.8

Instructors: Scott Adams,
Paul Sincaglia & Julie Bryant

LIVE

SESSION 72

TRACK 3

This course will focus on the major changes and their effects on design, construction, operations and inspection requirements. Discussion will be held on how the most significant administrative changes of the 2024 *International Fire Code*® (IFC®) impact the duties and responsibilities of the

code official and how these changes impact the usability of the code.

2024 IBC Significant Nonstructural Changes



CEU: 0.8

Instructor: Rob Emard

VIRTUAL

SESSION 73

TRACK 4

This seminar reviews and analyzes selected significant changes from the 2021 to the 2024 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, structural provisions 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.

2024 IECC Residential Significant Changes (AM)



CEU: 0.4

Instructor: Jerica Stacey

LIVE

SESSION 74

TRACK 5

This course reviews the key changes from the 2021 to the 2024 edition of the *International Energy Conservation Code*® (IECC®) for residential buildings. Participants will identify specific code changes related to the building thermal envelope, building systems, lighting systems, and additional energy efficiency requirements and gain an understanding of the reasoning behind them. Changes to each of the residential compliance paths will be examined along with applicable administrative changes, changes to existing building requirements, and optional residential appendices. To provide context for the topics discussed, the course provides a broad overview of the IECC, including its scope, application, and intent. Although covering only residential provisions, the class is based on the ICC publication *Significant Changes to the International Energy Conservation Code, 2024 Edition*.

SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

Unpacking the 2024 IECC Commercial Energy Credits (PM)



CEU: 0.4

Instructor: Jerica Stacey

LIVE

SESSION 75

TRACK 5

This course explores the additional energy efficiency credit requirements in the 2024 *International Energy Conservation Code*® (IECC®) for commercial buildings. Participants will gain an in-depth understanding of when base energy credits and renewable and load management credits are required and examine various options for complying with Section C406. This course also addresses more complex compliance scenarios such as mixed occupancy and core and shell buildings. In addition, participants will review the existing building requirements related to energy credits and the applicable appendices. Practical application exercises for both new construction and existing buildings are included to reinforce key concepts.

2024 IBC Types of Construction (AM)



CEU: 0.4

Instructor: Doug Thornburg

LIVE ONLY

SESSION 76

TRACK 7

Together with occupancy classification, one of the most critical steps in analyzing a building for code compliance is classifying it for type of construction purposes. This seminar will address the two distinct aspects regarding the use of construction type in the *International Building Code*® (IBC®): 1) determination of the appropriate types of construction for a building based on the buildings occupancy, height and area, and 2) identification of the construction and fire-resistance-rated features associated with the 12 individual construction types established in the IBC. In addition, the permissible use of combustible materials in Type I and II noncombustible buildings will be addressed.

2024 IBC Allowable Heights & Areas (PM)



CEU: 0.4

Instructor: Doug Thornburg

LIVE ONLY

SESSION 77

TRACK 7

Based on the provisions of Chapter 5 of the *International Building Code*® (IBC®), this seminar focuses on how a building's occupancy classification and type of construction relate to the maximum building size permitted by the IBC. The approach to determining a building's maximum allowable height and area is explained, including use of Table 503 and all related permitted increases due to sprinkler protection and frontage open space. Detailed provisions related to mezzanines and unlimited area buildings are also addressed. Specific topics include: concept of limiting a building's height and area due to occupancy and construction type, general limitations based on Table 503, allowable height increases due to sprinkler protection, height limits of roof structures, mezzanine definition, benefits, area limitations and permissible openness, equipment platforms, allowable area increases due to sprinkler protection, allowable area increases due to open frontage, allowable area increases for multi-story buildings, concept of unlimited area building provisions and unlimited area building allowances.

2024 IBC Types of Construction (AM)



CEU: 0.4

Instructor: Jay Elbetta

VIRTUAL

SESSION 78

TRACK 8

Together with occupancy classification, one of the most critical steps in analyzing a building for code compliance is classifying it for type of construction purposes. This seminar will address the two distinct aspects regarding the use of construction type in the *International Building Code*® (IBC®): 1) determination of the appropriate types of construction for a building based on the buildings occupancy, height and area, and 2) identification of the construction and fire-resistance-rated features associated with the 12 individual construction types established in the IBC. In addition, the permissible use of combustible materials in Type I and II noncombustible buildings will be addressed.

SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

2024 IBC Allowable Heights & Areas (PM)



CEU: 0.4

Instructor: Jay Elbettar

VIRTUAL

SESSION 79

TRACK 8

Based on the provisions of Chapter 5 of the *International Building Code®* (IBC®), this seminar focuses on how a building's occupancy classification and type of construction relate to the maximum building size permitted by the IBC. The approach to determining a building's maximum allowable height and area is explained, including use of Table 503 and all related permitted increases due to sprinkler protection and frontage open space. Detailed provisions related to mezzanines and unlimited area buildings are also addressed. Specific topics include: concept of limiting a building's height and area due to occupancy and construction type, general limitations based on Table 503, allowable height increases due to sprinkler protection, height limits of roof structures, mezzanine definition, benefits, area limitations and permissible openness, equipment platforms, allowable area increases due to sprinkler protection, allowable area increases due to open frontage, allowable area increases for multi-story buildings, concept of unlimited area building provisions and unlimited area building allowances.

Commercial & Residential Energy Storage Systems



CEU: 0.8

Instructors: Steven Jones & Doug Smith

LIVE

SESSION 80

TRACK 9

This is a full-day (8 hour) course. Energy storage systems (ESS) are increasingly being installed throughout the country. Understanding the requirements governing ESS, and knowing how the systems are to be installed, is essential. This course will focus on commercial and residential energy storage systems and will outline the key requirements and concepts for ESS. Key topics to be covered include UL 9540 listing, large-scale fire testing (UL 9540A), maximum equipment and system sizes, allowable locations, separation between battery units, clearances around equipment, disconnects/shutdown devices, and overcurrent protection. Example system diagrams will also be explained to help attendees understand the layout and equipment used for a variety of commonly installed ESS. A portion of this course will also explain the evolution and requirements for ESS at data centers, including ESS as part of modular data centers.

AM sessions start at 7:30 am PT | PM sessions start at 1:00 pm PT

This course will be beneficial for inspectors, plan reviewers, fire officials, installers, and designers. The course is based on the 2026 NEC, 2024 IRC, 2024 IFC and UL 9540/9540A.

Attendees should bring a 2026 NEC book.

Grounding & Bonding from the Ground Up



CEU: 0.8

Instructors: Christel Hunter & Randy Hunter

VIRTUAL

SESSION 81

TRACK 10

This seminar is designed from an inspector's point of view and is a must for those looking to broaden their understanding of grounding for premises wiring systems from the grounding electrode all the way to the branch circuit equipment grounding conductors. The program will include the fundamentals and practices of grounding and bonding in easily understood language using tables, references and applications for each. Activities and discussion questions are included to enhance learning.

Attendees should bring a 2026 NEC book.

Advanced Means of Egress



SHUMS CODA
ASSOCIATES

CEU: 0.8

Instructor:
Andre Jean

LIVE

SESSION 82

TRACK 11

Ready to take your code knowledge to the next level? Advanced Means of Egress is a deep-dive course designed for building code professionals who want to master the more complex and nuanced aspects of egress design and enforcement under the model and locally adopted commercial building codes.

Advanced Study and Application of the IBC



SHUMS CODA
ASSOCIATES

CEU: 0.8

Instructor: Bill Clayton

VIRTUAL

SESSION 83

TRACK 12

This class will provide a provocative and higher level of review of the *International Building Code®* (IBC®). The class will focus on unusual and more complex fire and life-safety provisions of the code. Chapters 7-10 of the IBC will be discussed during the seminar. Subjects included will be fire walls, fire barriers, smoke barriers, automatic fire sprinklers, fire alarm systems, interior finishes, large building egress and other advanced provisions of the code. Case studies of large and unusual buildings will be discussed during the seminar.

TRACK	Monday Mar. 1	Tuesday Mar. 2	Wednesday Mar. 3	Thursday Mar. 4	Friday Mar. 5
Track 1: 2024 I-Codes LIVE	2024 IRC Essentials Session 1	2024 IFC Essentials Session 35	2024 IBC Essentials Session 70	2027 Sneak Peek – IBC/IRC/IFC Session 104	2024 IEBC Essentials Session 140
Track 2: 2024 I-Codes VIRTUAL	2024 IRC Essentials Session 2	2024 IBC Essentials Session 36	2024 IFC Essentials Session 71	2024 IEBC Essentials Session 105	2027 Sneak Peek – IBC/IRC/IFC Session 141
Track 3: 2024 I-Code Changes LIVE	2024 IRC Significant Changes Session 3	2024 IBC Significant Nonstructural Changes Session 37	2024 IFC Significant Changes Session 72	2024 IBC & ASCE 7 Session 106	2024 IBC Updates to Soils and Foundations Session 142
Track 4: 2024 I-Code Changes VIRTUAL	2024 IFC Significant Changes Session 4	2024 IRC Significant Changes Session 38	2024 IBC Nonstructural Significant Changes Session 73	2024 IECC Significant Changes Session 107	2024 IBC & ASCE 7 Session 143
Track 5: Energy LIVE	2024 IECC Significant Changes Session 5	2024 IECC Residential Plan Review AM Session 39	2024 IECC Residential Significant Changes AM Session 74	Residential Energy Inspections Through Pictures Session 108	Renewable Energy Systems & the IECC AM Session 144
		2024 IECC Commercial Plan Review PM Session 40	Unpacking the 2024 IECC Commercial Energy Credits PM Session 75		2027 IECC Sneak Peek PM Session 145
Track 6: Fire LIVE ONLY	Fire Alarm Contractor Shortcuts and Mistakes AM Session 6	Wildland-Urban Interface Risk Assessment & Mitigation for the Fire Service Session 41		From Storage to Dispensing: IFC Requirements for Flammable & Combustible Liquids Session 109	Plan Review Strategies for Battery Energy Storage Systems (BESS) AM Session 146
	Plan Review: Fire Alarm Plan Submittal Requirements PM Session 7				Existing Buildings: IFC Chapter 11/IEBC PM Session 147

TRACK	Monday Mar. 1	Tuesday Mar. 2	Wednesday Mar. 3	Thursday Mar. 4	Friday Mar. 5
Track 7: Fire and Life Safety LIVE	2024 IBC Occupancy Classification AM Session 8	2024 IBC Exterior Wall & Opening Protection AM Session 42	2024 IBC Types of Construction AM Session 76	2024 IBC Means of Egress Session 110	2024 IBC Special Building Types AM Session 148
	2024 IBC Use of Fire Sprinklers & Alarms PM Session 9	2024 IBC Mixed Occupancies PM Session 43	2024 IBC Allowable Heights & Areas PM Session 77		2024 IBC Use of Fire & Smoke Separations PM Session 149
Track 8: Fire and Life Safety VIRTUAL	2024 IBC Occupancy Classification AM Session 10	2024 IBC Exterior Wall & Opening Protection AM Session 44	2024 IBC Types of Construction AM Session 78	2024 IBC Means of Egress Session 111	2024 IBC Special Building Types AM Session 150
	2024 IBC Use of Fire Sprinklers & Alarms PM Session 11	2024 IBC Mixed Occupancies PM Session 45	2024 IBC Allowable Heights & Areas PM Session 79		2024 IBC Use of Fire & Smoke Separations PM Session 151
Track 9: Electrical LIVE	2026 NEC Update Session 12	Commercial & Residential PV Systems Session 46	Commercial & Residential Energy Storage Systems Session 80	Electrical Safety Compliance – NFPA 70E 2027 Session 112	Service Change Requirements AM Session 152
					No Session
Track 10: Electrical VIRTUAL	Residential Electrical Installations & Inspections Session 13	Health Care Electrical Systems Session 47	Grounding & Bonding from the Ground Up Session 81	2026 NEC Update Session 113	IAEI's Analysis of Changes – 2026 NEC Session 153
Track 11: Advanced Special Topics LIVE	Building Department Management Workshop Session 14	Fire Effects on Building Construction Materials Session 48	Advanced Means of Egress Session 82	Advanced Study and Application of the IBC Session 114	Prescriptive Structural Provisions for the Plans Examiner Session 154
Track 12: Advanced Special Topics VIRTUAL	Fire Effects on Building Construction Materials Session 15	Advanced Means of Egress Session 49	Advanced Study and Application of the IBC Session 83	Prescriptive Structural Provisions for the Plans Examiner Session 115	Building Department Management Workshop Session 155

TRACK	Monday Mar. 1	Tuesday Mar. 2	Wednesday Mar. 3	Thursday Mar. 4	Friday Mar. 5
Track 13: Leadership, Management & Personal Development LIVE	Leadership IMPACT – Communications Session 16	Leadership IMPACT – Team Member Engagement AM Session 50	Leadership IMPACT – Self-Mastery Session 84	Leadership IMPACT – Decision Making and Ethics AM Session 116	Leadership IMPACT – Innovation and Change AM Session 156
		Leadership IMPACT – Coaching PM Session 51		Leadership IMPACT – Personal Power and Relationships PM Session 117	Leadership IMPACT – Success Skills for Leaders PM Session 157
Track 14: Leadership, Management & Personal Development VIRTUAL	Leadership IMPACT – Communications Session 17	Leadership IMPACT – Team Member Engagement AM Session 52	Leadership IMPACT – Self-Mastery Session 85	Leadership IMPACT – Decision Making and Ethics AM Session 118	Leadership IMPACT – Innovation and Change AM Session 158
		Leadership IMPACT – Coaching PM Session 53		Leadership IMPACT – Personal Power and Relationships PM Session 119	Leadership IMPACT – Success Skills for Leaders PM Session 159
Track 15: Code Enforcement LIVE	Crucial Conversations for Code Professionals AM Session 18	Building Code for Code Enforcement Officers & Report Writing for Criminal Prosecution AM Session 54	Code Enforcement and the Unhoused/ Practical Strategies for Effective and Compassionate Enforcement AM Session 86	Hoarding: Investigation, Intervention and Abatement AM Session 120	Unsafe Structure Abatement AM Session 160
	Bullfrogs Before Breakfast – Case and Time Management PM Session 19	Mock Court Cases – From Beginning to End PM Session 55	Situational Awareness: Protecting Your Career and Organization PM Session 87	Officer Safety-Self Defense PM Session 121	Short-Term Rentals – A to Z PM Session 161

TUESDAY NIGHT EVENT

Student Appreciation and
Networking Social –
'90s Flashback-Themed

5:30 PM – 7:30 PM

TRACK	Monday Mar. 1	Tuesday Mar. 2	Wednesday Mar. 3	Thursday Mar. 4	Friday Mar. 5
Track 16: Code Enforcement <i>VIRTUAL</i>	Basic Code Enforcement <i>Session 20</i>	Bullfrogs Before Breakfast: Case and Time Management <i>AM Session 56</i>	Short-Term Rentals: From A to Z <i>AM Session 88</i>	2024 IPMC Overview <i>AM Session 122</i>	Inspector Skills <i>Session 162</i>
		Situational Awareness: Protecting Your Career & Your Organization <i>PM Session 57</i>	Hoarding: Investigation, Intervention and Abatement <i>PM Session 89</i>	2024 IZC Overview <i>PM Session 123</i>	
Track 17: Building Specialties <i>LIVE</i>	When Disaster Strikes – Evaluator Training <i>Session 21</i>	Wood: Fire Hazard and Fire-Rated Construction <i>Session 58</i>	Fire resistance and Opening Protection of the 5 Walls <i>AM Session 90</i>	Inspector Bootcamp: Single-Family Residence <i>Session 124</i>	What to Inspect When You’re Inspecting – High Rises <i>Session 163</i>
			Code Compliance with Vertical Open Spaces <i>PM Session 91</i>		
Track 18: Building Specialties <i>VIRTUAL</i>	Wood: Fire Hazard and Fire-Rated Construction <i>Session 22</i>	When Disaster Strikes – Evaluator Training <i>Session 59</i>	Apartment Buildings: Fire & Life Safety <i>AM Session 92</i>	IRC Conventional Roof Framing <i>AM Session 125</i>	Inspector Bootcamp: Single-Family Residence <i>Session 164</i>
			Apartment Buildings: Accessibility <i>PM Session 93</i>	Accessory Dwelling Units (ADUs) – IRC Appendix BC <i>PM Session 126</i>	
Track 19: Passive Fire Protection <i>LIVE ONLY</i>	Firestop Inspection and Plan Review for AHJs and Code Officials <i>Session 23</i>	Passive Fire Protection: A Code Official’s Guide to IBC Chap 7 & 8 <i>Session 60</i>	Fire-Rated Walls <i>Session 94</i>	Fire-Rated Joints <i>AM Session 127</i>	That’s a Wrap! <i>Session 165</i>
				Firestop in Wood Framed Buildings <i>PM Session 128</i>	

TRACK	Monday Mar. 1	Tuesday Mar. 2	Wednesday Mar. 3	Thursday Mar. 4	Friday Mar. 5
Track 20: Plumbing & Mechanical <i>LIVE</i>	2027 IPC/IMC/IFGC Sneak Peek <i>AM Session 24</i>	2027 IMC Essentials <i>AM Session 61</i>	2024 UPC Code Changes <i>AM Session 95</i>	2024 UPC & UMC Combination Inspections <i>Session 129</i>	2027 IPC Essentials <i>AM Session 166</i>
	Commercial Cooking Hoods <i>PM Session 25</i>	2027 ISPSC Sneak Peek & Inspections <i>PM Session 62</i>	2024 UMC Code Changes <i>PM Session 96</i>		2027 Fuel Gas Sizing <i>AM Session 167</i>
Track 21: Plumbing & Mechanical <i>VIRTUAL</i>	2027 IMC Essentials <i>AM Session 26</i>	Commercial Cooking Hoods <i>AM Session 63</i>	2024 UPC & UMC Combination Inspections <i>Session 97</i>	2024 UPC Code Changes <i>AM Session 130</i>	2027 IPC Essentials <i>AM Session 168</i>
	2027 ISPSC Sneak Peek & Inspections <i>PM Session 27</i>	2027 IPC/IMC/IFGC Sneak Peek <i>PM Session 64</i>		2024 UMC Code Changes <i>PM Session 131</i>	2027 Fuel Gas Sizing <i>PM Session 169</i>
Track 22: Special Topics <i>LIVE</i>	2024 IBC Core Essentials <i>Session 28</i>	AI in the Permitting Process <i>Session 65</i>	2024 IRC Nonstructural Plan Review <i>Session 98</i>	Townhomes & Alternative Dwelling Structures (ADUs) <i>Session 132</i>	2024 IEBC Core Essentials <i>Session 170</i>
Track 23: Special Topics <i>VIRTUAL</i>	Townhomes & Alternative Dwelling Structures <i>Session 29</i>	2024 IBC Core Essentials <i>Session 66</i>	AI for Plan Reviews <i>Session 99</i>	2024 IEBC Core Essentials <i>Session 133</i>	2024 IRC Nonstructural Plan Review <i>Session 171</i>
Track 24: Special Topics II <i>LIVE</i>	Introduction to Building Plans Examination <i>Session 30</i>	2024 IBC Commercial Accessibility <i>Session 67</i>	It's All Good in the Hood – A UL Guide to Understanding Commercial Cooking <i>Session 100</i>	2024 IBC Multifamily Accessibility <i>Session 134</i>	2024 IRC Decks, Carports, and Accessory Structures <i>Session 172</i>
Track 25: Special Topics II <i>VIRTUAL</i>	2024 IBC Commercial Accessibility <i>Session 31</i>	2024 IBC Multifamily Accessibility <i>Session 68</i>	2024 IRC Decks, Carports, and Accessory Structures <i>Session 101</i>	Virtual Inspections <i>AM Session 135</i>	2024 IBC Fire & Life Safety Principles <i>Session 173</i>
				2024 IBC Interior Finishes <i>PM Session 136</i>	
Track 26: Permit Tech <i>LIVE ONLY</i>	The Complete Permit Technician <i>Session 32</i>		So, You Want to be a Building Official <i>Session 102</i>	Legal Aspects of Code Administration <i>Session 137</i>	Plan Review Skills <i>Session 174</i>

TRACK	Monday Mar. 1	Tuesday Mar. 2	Wednesday Mar. 3	Thursday Mar. 4	Friday Mar. 5
Track 27: Permit Tech <i>VIRTUAL</i>	Basics of Plan Reading <i>Session 33</i>	2024 I-Code Review for Permit Techs <i>Session 69</i>	Legal Aspects of Code Administration <i>Session 103</i>	2024 IPMC Overview <i>AM Session 122</i>	Basic Code Enforcement <i>Session 175</i>
				2024 IZC Overview <i>PM Session 123</i>	
Track 28: Commercial Test Academy <i>LIVE ONLY</i>	B2–2024 Commercial Building Inspector Certification Test Academy <i>Session 34</i>			Guided AI Plan Review and Ethical AI in Community Development <i>AM Session 138</i>	IRC Conventional Roof Framing <i>AM Session 176</i>
				Performance Compliance Methods in the IEBC <i>PM Session 139</i>	Accessory Dwelling Units (ADUs) – IRC Appendix BC <i>PM Session 177</i>

WEDNESDAY NIGHT EVENT

Exhibitor and Industry
Networking Game Night
5:30 PM – 7:30 PM

SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

Leadership IMPACT – Self-Mastery



CEU: 0.8

Instructors: Tim Schneider &
Kelley Reynolds

"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.

Code Enforcement and the Unhoused/Practical Strategies for Effective and Compassionate Enforcement (AM)



CEU: 0.4

Instructor: Kerry Simpson

This course provides code enforcement professionals with practical tools for addressing issues involving unhoused individuals while balancing enforcement responsibilities, public safety, legal requirements, and compassion. Participants will learn strategies for conducting respectful field contacts, documenting conditions, coordinating with service providers, understanding constitutional and legal considerations, and managing encampment-related concerns.

The course explores common challenges associated with homelessness, including health and safety issues, property impacts, public complaints, risk management, and interdepartmental coordination. Through real-world examples and case studies, participants will gain a better understanding of how to navigate complex situations, reduce conflict, protect individual rights, and achieve effective outcomes for both the community and those experiencing homelessness.

Situational Awareness: Protecting Your Career and Organization (PM)



CEU: 0.4

Instructor: Kerry Simpson

This course provides code enforcement professionals and managers with practical tools to strengthen situational awareness in the field, public, and political environments. Participants will learn how sound judgment, ethical decision-making, thorough documentation, and professional conduct can protect their careers, reduce organizational risk, and maintain public trust. The course emphasizes officer safety, emotional intelligence, professional neutrality, risk management, and awareness of public and digital scrutiny. It also explores the importance of accountability, internal controls, and checks and balances that help protect both employees and organizations from complaints, investigations, misconduct, and liability. Through real-world examples, participants will gain practical strategies to make defensible decisions, navigate challenging situations, and contribute to a culture of professionalism and integrity.

LIVE

SESSION 84

TRACK 13

VIRTUAL

SESSION 85

TRACK 14

LIVE ONLY

SESSION 87

TRACK 15

LIVE ONLY

SESSION 86

TRACK 15

SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

Short-Term Rentals: From A to Z (AM)



CEU: 0.4

Instructor: Nikki Robinson

VIRTUAL

SESSION 88

TRACK 16

Short-term rentals have transformed the way communities approach housing, tourism, and property management. While they can provide economic benefits for property owners and local governments, they also present unique challenges involving zoning, licensing, life safety, nuisance complaints, occupancy limits, and neighborhood compatibility. This course provides code enforcement professionals with a comprehensive understanding of the issues surrounding short-term rentals—from establishing a registration program to enforcing local regulations and resolving violations.

Participants will explore the legal and practical considerations of developing and administering a successful short-term rental program. The course examines registration and permitting processes, zoning regulations, inspections, life-safety requirements, complaint investigations, enforcement strategies, and interdepartmental coordination. Real-world examples and case studies will demonstrate effective approaches to balancing property rights, neighborhood expectations, and public safety while maintaining fair and consistent enforcement. Whether your community is considering a short-term rental program or looking to strengthen an existing one, this course offers practical guidance, proven best practices, and lessons learned from jurisdictions across the country.

Hoarding: Investigation, Intervention and Abatement (PM)



CEU: 0.4

Instructor: Emilio Curbelo

VIRTUAL

SESSION 89

TRACK 16

Hoarding cases present some of the most challenging situations faced by code enforcement professionals. They often involve complex property maintenance violations, public health and safety concerns, mental health considerations, and coordination among multiple agencies. Successfully resolving these cases requires a balanced approach that protects the community while treating occupants with dignity and respect. This course examines the unique challenges associated with hoarding cases and provides practical strategies for investigating, documenting, and abating violations. Participants will learn how to identify hoarding conditions, distinguish between clutter and hazardous living conditions, apply the requirements of the 2024 *International Building Code* (IBC®), and navigate the legal and procedural requirements necessary for successful enforcement. The course also explores effective communication techniques, working with social service agencies, fire officials, health departments, mental health professionals, and legal counsel to develop realistic compliance plans and achieve long-term solutions. Through real-world case studies and practical examples, attendees will gain valuable tools for managing these sensitive and often emotionally charged cases.

AM sessions start at 7:30 am PT | PM sessions start at 1:00 pm PT

Fire resistance and Opening Protection of the 5 Walls (AM)



CEU: 0.4

Instructor: Doug Zachary

LIVE

SESSION 90

TRACK 17

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 2024 IBC as far as references are concerned, and regardless of the current IBC edition a jurisdiction may be enforcing, this seminar addresses fundamental guidelines 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.

Code Compliance with Vertical Open Spaces (PM)



CEU: 0.4

Instructor: Doug Zachary

LIVE

SESSION 91

TRACK 17

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.

SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

Apartment Buildings: Fire & Life Safety (AM)



CEU: 0.4

Instructor: Roger Axel

VIRTUAL

SESSION 92

TRACK 18

The design and construction of apartment buildings requires the application of unique *International Building Code*® (IBC®) requirements. This seminar focuses on those fire and life safety provisions that are generally limited to multi-family residential buildings or those requirements that are commonly applied. Provisions specific to residential building classification, construction type, fire resistance, fire protection and means of egress will be addressed.

Apartment Buildings: Accessibility (PM)



CEU: 0.4

Instructor: Roger Axel

VIRTUAL

SESSION 93

TRACK 18

The regulation of apartment buildings typically includes ensuring accessible entry, spaces and features to an established degree. This seminar addresses both the scoping requirements of the *International Building Code*® (IBC®) and the technical requirements found in ICC A117.1 that are specifically applicable to multi-family Group R-2 occupancies. Emphasis will be placed on the design and construction of Type A and B units.

Fire-Rated Walls



CEU: 0.4

Instructor: Sharon Halpert

LIVE ONLY

SESSION 94

TRACK 19

Firestop in masonry walls is very different from gypsum walls. When you compare these two construction methods used for shaft walls, there are key things to look for, from the construction of the assembly to the firestop that will be required. We will discuss how if you have a through penetration versus a membrane penetration, then the firestop requirements change, the codes change and even what is acceptable will change. We will walk through key things to look for during framing. This class is excellent for contractors, QC teams, firestop special inspectors and installers and of course AHJs. This sounds like a lot, and it is – but at the end of this

class you will have run through a few exercises that will make understanding all this a whole lot easier.

2024 UPC Code Changes (AM)



CEU: 0.4

Instructor: Iggy Contreras

LIVE ONLY

SESSION 95

TRACK 20

This course provides a comprehensive review of significant revisions in the 2024 *Uniform Plumbing Code*® (UPC®), helping participants understand how the code has evolved, the rationale behind key changes, and their practical impact on installation practices and code enforcement. Attendees will examine updates across multiple sections, with an emphasis on sizing requirements and system design, and explore how these changes influence real-world applications, compliance strategies, and inspection outcomes. The course also features hands-on application of the Water Demand Calculator, equipping participants with the knowledge to accurately determine peak demand and integrate results into compliant system designs, and insights the new changes for 2027.

2024 UMC Code Changes (PM)



CEU: 0.4

Instructor: Jesse Kealy

LIVE ONLY

SESSION 96

TRACK 20

This course provides a comprehensive review of the most impactful revisions in the 2024 *Uniform Mechanical Code*® (UMC®), giving participants a clear understanding of key code changes and their practical implications for design, installation, and enforcement. Attendees will explore updates across the code with a focused examination of A2L refrigerant applications, including new safety provisions, installation requirements, system limitations, and coordination with evolving industry standards. Additional emphasis is placed on Chapter 4 – Ventilation Requirements, where participants will apply ventilation rate calculations, system design criteria, and compliance strategies through real-world scenarios, while gaining forward-looking insight into the new changes for 2027.

SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

2024 UPC & UMC Combination Inspections



CEU: 0.8

Instructor: Travis Christensen

VIRTUAL

SESSION 97

TRACK 21

This course equips combination inspectors with the foundational knowledge and practical skills needed to confidently enforce both the 2024 *Uniform Plumbing Code*® (UPC®) and *Uniform Mechanical Code*® (UMC®) in today's resource-constrained environments. Participants will review core code provisions in a clear, field-focused format, with emphasis on real-world inspection scenarios, commonly misunderstood requirements, and consistent enforcement strategies. The course also addresses challenging inspection conditions across plumbing and mechanical systems, providing practical guidance and insight into emerging trends and anticipated changes leading into the 2027 code cycle.

2024 IRC Nonstructural Plan Review



CEU: 0.8

Instructor:

Brittany Allen

LIVE

SESSION 98

TRACK 22

This seminar will discuss how to perform a residential plan review to ensure compliance with the key nonstructural provisions of the *International Residential Code*® (IRC®). It will not cover the prescriptive braced wall provisions of the IRC, but will focus on the nonstructural requirements that must be met. Topics for discussion include administration, design criteria, site considerations, foundations, floor construction, roof construction, wall construction, wall coverings, and roofing, while also touching on mechanical, plumbing, electrical, and energy requirements. The seminar does not teach how to design a single-family residences but rather explains how to verify the project's design assumptions and overall compliance with the IRC.

AI for Plan Reviews



CEU: 0.8

Instructor:

George Williams

VIRTUAL

SESSION 99

TRACK 23

Artificial intelligence (AI) is rapidly evolving and it's reshaping how the building safety profession approaches various challenges. This course explores the current landscape of AI in the context of plan review and general code administration. Rather than focusing on any one product or software platform, the course provides a broad overview of how AI is emerging

in our industry, what tasks it can assist with today, and where it might be heading next. Through real-world case studies and practical examples, participants will examine how AI can be implemented in their workflow and be utilized responsibly. Attendees will learn how to integrate AI technologies into their own plan review processes—without compromising professional oversight. This is not a course on replacing reviewers with robots, it's about empowering code professionals to become more effective, informed, and future-ready.

It's All Good in the Hood – A UL Guide to Understanding Commercial Cooking



CEU: 0.8

Instructor: Steve Jones

LIVE ONLY

SESSION 100

TRACK 24

This day of learning will introduce attendees to the many aspects that apply to commercial cooking appliances and ventilation. We will discuss the UL listings and NFPA standards related to the equipment and fire suppression systems, when and where commercial hoods are required by code, the types of hoods allowable, the construction of the hood and duct, and the ventilation and exhaust equipment requirements needed for commercial cooking.

This course will cover a wide spectrum of codes and standards applications with some interactive learning exercises throughout the day that will increase your knowledge and understanding of these important systems. So please bring your thinking caps and be ready to expand your knowledge with an entertaining and interactive day of learning.

2024 IRC Decks, Carports, and Accessory Structures



CEU: 0.8

Instructor: Todd Snider

VIRTUAL

SESSION 101

TRACK 25

This seminar will focus on the conventional construction requirements for detached accessory structures (i.e., garages, sheds, etc.), residential decks, carports, and patio structures to ensure compliance with the *International Residential Code*® (IRC®). The intent of this class is to help building officials and plans examiners to know how to quickly perform a review of these projects at the counter to see if they are in compliance with the IRC and will also help building inspectors to know what to look for in the field.

SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

So, You Want to be a Building Official



CEU: 0.8

Instructor: Steve Burger

LIVE ONLY

SESSION 102

TRACK 26

BUREAU
VERITAS

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.

Legal Aspects of Code Administration



CEU: 0.8

Instructor: Linda Pieczynski

VIRTUAL

SESSION 103

TRACK 27

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

EduCODE 2028
Feb. 28 – Mar. 3

SAVE
THE
DATE

SESSION DESCRIPTIONS – THURSDAY, MARCH 4

2027 Sneak Peek – IBC/IRC/IFC



CEU: 0.8

Instructors: Sandra Hyde &
George Reid

LIVE

SESSION 104

TRACK 1

The Sneak Peek seminar presents selected changes from the 2024 IBC, IRC and IFC to the 2027 IBC, IRC and IFC and is based on the Significant Changes series. The Significant Changes series of publications address many changes in detail with a focus on those code changes that are considered significant due to their frequency of application, special significance or change in application. This course covers those changes that will likely have the greatest impact on code users. This peek at the upcoming changes in the 2027 codes will familiarize code officials, plans examiners, inspectors and design professionals with some of the more significant changes.

2024 IEBC Essentials



CEU: 0.8

Instructor: William Bracken

VIRTUAL

SESSION 105

TRACK 2

This seminar will introduce critical concepts of the 2024 *International Existing Building Code*® (IEBC®). It will provide a basis for the correct use and application of the code. It will build an understanding of the intent of the code through detailing basic tables, categorizations and a case study.

2024 IBC & ASCE 7



CEU: 0.8

Instructor: Buddy Showalter &
Karyn Beebe

LIVE

SESSION 106

TRACK 3

This full-day seminar includes review and analysis of select significant structural changes from the 2021 to the 2024 edition of the *International Building Code*® (IBC®). Specific code changes that have occurred will be identified along with the reasoning behind the changes. Topics include changes to provisions for roofs (Chapter 15), structural design (Chapter 16), special inspections (Chapter 17), soils/foundations (Chapter 18) and materials including concrete, masonry, steel, wood and glass (Chapters 19-24). Updated provisions for temporary structures (Chapter 31) will be discussed.

Changes to the IBC-referenced 2022 ASCE/SEI 7 Minimum Design Loads and Associated Criteria for Buildings and Other

AM sessions start at 7:30 am PT | PM sessions start at 1:00 pm PT

Structures (ASCE 7-22) will also be presented. Environmental loads to be discussed include rain, snow, ice, wind, tornado, earthquake, tsunami and flood.

2024 IECC Significant Changes



CEU: 0.8

Instructor: Jerica Stacey

VIRTUAL

SESSION 107

TRACK 4

This course reviews the key changes from the 2021 to the 2024 edition of the *International Energy Conservation Code*® (IECC®) for residential and commercial buildings. Code officials, plans examiners, inspectors, and design professionals will identify specific code changes related to the building thermal envelope, mechanical and service water heating systems, lighting systems, and renewable energy systems and gain an understanding of the reasoning behind them. Administrative changes will also be reviewed. In addition, the course provides a broad overview of the IECC, including its scope, application, and intent, to provide context for the topics discussed. The class is based on the ICC publication *Significant Changes to the International Energy Conservation Code*®, 2024 Edition.

Residential Energy Inspections Through Pictures

BUILDTank^{inc.}

CEU: 0.8

Instructor:

Robby Schwarz

LIVE

SESSION 108

TRACK 5

The residential provisions of the *International Energy Conservation Code*® (IECC®) require inspection and verification to ensure the intended level of efficiency and energy savings is achieved. This course walks participants through typical energy inspections using photographs and illustrations. Beginning with a discussion on the role of plan review in the inspection process, participants will gain insight into the importance of ensuring energy-related components are clearly documented on the construction documents. The field inspection portion of the course helps participants understand the intent behind the residential provisions and equips them with the knowledge needed to verify that building systems and equipment have been installed and perform as intended. Participants will develop an understanding of the building science principles behind the code along with the energy performance, flexibility, and rigidity of individual code requirements, enabling them to conduct effective and consistent energy inspections.

SESSION DESCRIPTIONS – THURSDAY, MARCH 4

From Storage to Dispensing: IFC Requirements for Flammable & Combustible Liquids



CEU: 0.8

Instructor: John Swanson

LIVE

SESSION 109

TRACK 6

This course provides a practical overview of the *International Fire Code*® (IFC®) requirements for the dispensing, storage, use, and handling of flammable and combustible liquids. Participants will explore Chapter 23 requirements for dispensing into motor vehicles, Chapter 50 general hazardous materials provisions, and Chapter 57 requirements specific to flammable and combustible liquids. The course will help participants understand how these provisions work together to address fire hazards and apply the requirements during plan review, inspection, and code enforcement.

2024 IBC Means of Egress



CEU: 0.8

Live Instructor: Doug Thornburg

Virtual Instructor: Roger Axel

LIVE ONLY

SESSION 110

TRACK 7

VIRTUAL

SESSION 111

TRACK 8

This seminar addresses numerous provisions in Chapter 10 of the *International Building Code*® (IBC®) pertaining to establishing a compliant means of egress system in buildings. The course is intended to assist designers, plan reviewers, inspectors and code officials in applying the concepts and applications of both the egress design provisions and the egress component requirements. General topics of discussion include the determination of occupant loads, exit access design, including egress distribution, common path of egress travel, corridors, egress illumination and exit signs, and exit components, such as interior exit stairways, exit passageways and horizontal exits.

Electrical Safety Compliance – NFPA 70E 2027



CEU: 0.8

Instructor: Howard Herndon

LIVE ONLY

SESSION 112

TRACK 9

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 2027 edition of NFPA 70E, *2027 Standard for Electrical Safety in the Workplace* and *2026 National Electrical Code*® (NEC®). We will review safety criteria and documentation for compliance with NFPA 70E and OSHA/MSHA federal requirements. There will also be detailed instructions and demonstrations presented relating to personal protective equipment (PPE) and preventing loss of life during the hazards involved in such work environments.

The NFPA 70E 2027 is the highly recommended text for this class and each attendee should bring their own copy.

2026 NEC Update



CEU: 0.8

Instructors: Christel Hunter
& Randy Hunter

VIRTUAL

SESSION 113

TRACK 10

The *2026 National Electrical Code*® (NEC®) introduces significant updates aimed at enhancing safety, modernizing infrastructure, and aligning with emerging technologies. This course provides an in-depth overview of the most impactful changes, equipping professionals with the knowledge to ensure compliance. We'll discuss the reorganization of several articles, updates to equipment labeling requirements, and changes to address technology like fault-managed power, energy storage systems, and electric vehicle charging.

Attendees should bring a 2026 NEC book

Advanced Study and Application of the IBC



CEU: 0.8

Instructor:
Bill Clayton

LIVE

SESSION 114

TRACK 11

This class will provide a provocative and higher level of review of the *International Building Code*® (IBC®). The class will focus on unusual and more complex fire and life safety provisions of the code. Chapters 7-10 of the IBC will be discussed during the seminar. Subjects included will be fire walls, fire barriers, smoke barriers, automatic fire sprinklers, fire alarm systems, interior finishes, large building egress and other advanced provisions of the code. Case studies of large and unusual buildings will be discussed during the seminar.

SESSION DESCRIPTIONS – THURSDAY, MARCH 4

Prescriptive Structural Provisions for the Plans Examiner



CEU: 0.8
Instructor: Kurt McMullin

VIRTUAL
SESSION 115
TRACK 12

Examines the prescriptive structural provision requirements of the *International Building Code*® (IBC®). Addresses major elements including structural design, loads, structural tests and special inspections, soils and foundations, concrete, masonry, steel and wood. This class is designed for nonengineers.

Leadership IMPACT – Decision Making and Ethics (AM)



CEU: 0.4

Instructors: Tim Schneider & Kelley Reynolds

LIVE
SESSION 116
TRACK 13

VIRTUAL
SESSION 118
TRACK 14

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.

Leadership IMPACT – Personal Power & Relationships (PM)



CEU: 0.4

Instructors: Tim Schneider & Kelley Reynolds

LIVE
SESSION 117
TRACK 13

VIRTUAL
SESSION 119
TRACK 14

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 members 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 covered. 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.

Hoarding: Investigation, Intervention and Abatement (AM)



CEU: 0.4
Instructor: Emilio Curbelo

LIVE
SESSION 120
TRACK 15

Hoarding cases present some of the most challenging situations faced by code enforcement professionals. They often involve complex property maintenance violations, public health and safety concerns, mental health considerations, and coordination among multiple agencies. Successfully resolving these cases requires a balanced approach that protects the community while treating occupants with dignity and respect. This course examines the unique challenges associated with hoarding cases and provides practical strategies for investigating, documenting, and abating violations. Participants will learn how to identify hoarding conditions, distinguish between clutter and hazardous living conditions, apply the requirements of the 2024 *International Property Maintenance Code*® (IPMC®), and navigate the legal and procedural requirements necessary for successful enforcement.

The course also explores effective communication techniques, working with social service agencies, fire officials, health departments, mental health professionals, and legal counsel to develop realistic compliance plans and achieve long-term solutions. Through real-world case studies and practical examples, attendees will gain valuable tools for managing these sensitive and often emotionally charged cases.

SESSION DESCRIPTIONS – THURSDAY, MARCH 4

Officer Safety-Self Defense (PM)



CEU: 0.4

Instructor: Tim Sun

LIVE ONLY

SESSION 121

TRACK 15

This course is an interactive class with real case scenarios on how to protect ourselves during the course of our duties. This topic is vitally important to all code officers and inspectors who are in the field each and every day.

2024 IPMC Overview (AM)



CEU: 0.4

Instructor: Rich Truitt

VIRTUAL

SESSION 122

TRACK 16 & 27

This seminar provides code officials and other interested parties with the fundamental knowledge of the 2024 *International Property Maintenance Code*® (IPMC®). Participants will select appropriate code sections to address violations found in specific scenarios.

2024 IZC Overview (PM)



CEU: 0.4

Instructor: Rich Truitt

VIRTUAL

SESSION 123

TRACK 16 & 27

This seminar provides code officials and other interested parties with the fundamental knowledge of the 2024 *International Zoning Code*® (IZC®). This seminar is designed to increase participants' ability to understand how the IZC establishes minimum requirements for zoning ordinances. It is designed at the entry level for zoning, building, and fire code officials, permit technicians, code enforcement inspectors, property developers, architects, building or facility owners/operators and other interested persons.

Inspector Bootcamp: Single-Family Residence

CEU: 0.8

Instructor: Nathan Ball

LIVE

SESSION 124

TRACK 17

This class offers a basic overview of inspections performed during the construction of a single-family residence. Students will gain a firm understanding of the inspection process from underground inspections all the way through final inspection.

This class is good for new inspectors, plan checkers, permit technicians, job site superintendents, and anyone who is interested in the overall inspection process.

IRC Conventional Roof Framing (AM)



CEU: 0.4

Instructor: Robert Rice

VIRTUAL

SESSION 125

TRACK 18

This course explores the wood roof framing provisions of the *International Residential Code*® (IRC®), including wood framing materials, design loads, and load paths. Participants will explore both engineered roof truss systems and prescriptive conventional roof framing (stick-framing) methods. The course reviews the specific IRC design and construction requirements with emphasis on rafters, rafter ties, ridge construction options, purlins and purlin support, as well as connections and fasteners. Discussion will also address key responsibilities during plan review and field inspections, highlighting common code compliance issues and critical inspection points.

Accessory Dwelling Units (ADUs) – IRC Appendix BC (PM)



CEU: 0.4

Instructor: Robert Rice

VIRTUAL

SESSION 126

TRACK 18

This course will focus on the ADU provisions introduced in Appendix BC of the 2024 *International Residential Code*® (IRC®). The course will also cover how the ADU provisions relate to the requirements in the main body of the IRC and will explore the specific limitations, requirements and exceptions of the appendix. Related zoning, plan review and permitting topics will be discussed as well as sources that exist for ready-made ADU plans.

Fire-Rated Joints (AM)



CEU: 0.4

Instructor: Sharon Halpert

LIVE ONLY

SESSION 127

TRACK 19

They may be thin lines on paper, but fire-rated joints are critical lines of defense. This class tackles one of the most misunderstood areas of fire-rated construction – movement joints, head-of-wall joints, and horizontal joints – with a focus on what plan reviewers and design teams should be checking early.

SESSION DESCRIPTIONS – THURSDAY, MARCH 4

Firestop in Wood Framed Buildings (PM)



CEU: 0.4

Instructor: Sharon Halpert

LIVE ONLY

SESSION 128

TRACK 19

If you have fire-rated wood framed structures, this class is for you. Maintaining the fire-rated assemblies is going to be important, so we will walk through a handful of common problems from maintaining the continuity of rating, to fire blocking and a story from an actual fire. We will discuss membrane penetrations through floors and through walls and we will share strategies that can be deployed to reduce some common life-safety issues including the inside scoop on problems the industry overlooks. This class is great for plan review, field inspection, firestop special inspectors, architects, builders and fire investigators. In this class we will animate the building codes and turn the fire test standards into stories so that when you are in the field, you can see how these different documents come together to impact life safety.

2024 UPC & UMC Combination Inspections



CEU: 0.8

Instructor: Travis Christensen

LIVE

SESSION 129

TRACK 20

This course equips combination inspectors with the foundational knowledge and practical skills needed to confidently enforce both the 2024 *Uniform Plumbing Code*® (UPC®) and *Uniform Mechanical Code*® (UMC®) in today's resource-constrained environments. Participants will review core code provisions in a clear, field-focused format, with emphasis on real-world inspection scenarios, commonly misunderstood requirements, and consistent enforcement strategies. The course also addresses challenging inspection conditions across plumbing and mechanical systems, providing practical guidance and insight into emerging trends and anticipated changes leading into the 2027 code cycle.

2024 UPC Code Changes (AM)



CEU: 0.4

Instructor: Iggy Contreras

VIRTUAL

SESSION 130

TRACK 21

Keep up-to-date on the *Uniform Plumbing Code*® (UPC®) by learning about the changes from 2021 to the 2024 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. With water conservation and material costs at the forefront of industry conversation today, IAPMO's Water Demand Calculator® will also be highlighted during this session.

2024 UMC Code Changes (PM)



CEU: 0.4

Instructor: Jesse Kealy

VIRTUAL

SESSION 131

TRACK 21

This course provides a comprehensive review of the most impactful revisions in the 2024 *Uniform Mechanical Code*® (UMC®), giving participants a clear understanding of key code changes and their practical implications for design, installation, and enforcement. Attendees will explore updates across the code with a focused examination of A2L refrigerant applications, including new safety provisions, installation requirements, system limitations, and coordination with evolving industry standards. Additional emphasis is placed on Chapter 4 – Ventilation Requirements, where participants will apply ventilation rate calculations, system design criteria, and compliance strategies through real-world scenarios, while gaining forward-looking insight into the new changes for 2027.

Townhomes & Alternative Dwelling Structures



CEU: 0.8

Instructors: George Williams & Brittany Allen

LIVE

SESSION 132

TRACK 22

This full-day training is designed for building officials, inspectors, plans examiners, and design professionals who are working with innovative housing projects under the *International Residential Code*® (IRC®). The class will focus on the unique code provisions, appendices, and IRC references that directly affect residential construction. Topics covered will include: townhomes, tiny homes, ADUs, strawbale construction and even intermodal shipping containers. The class will address key provisions, fire resistance, separation requirements, best practices and structural considerations. The course will help in interpreting and enforcing these specialized requirements, recognizing common pitfalls and laying out pathways for compliance. This is a full-day class blending lecture, code analysis, and practical examples.

SESSION DESCRIPTIONS – THURSDAY, MARCH 4

2024 IEBC Core Essentials



CEU: 0.8

Instructor:

Chris Kimball

VIRTUAL

SESSION 133

TRACK 23

While new construction is going on all around us, most permit applications received are in relation to existing buildings, whether they are undergoing tenant improvements, additions or changes in occupancy. This course will focus on the requirements of the 2024 *International Existing Building Code*® (IEBC®) in relation to existing buildings undergoing repairs, alterations, additions, or changes in occupancy. A discussion on the multiple compliance paths provided in the IEBC will be had, with tables outlining the key differences between each. The triggers to update key structural, fire and life safety, means of egress, and accessibility requirements will be discussed in detail. Requirements for moved structures and historic buildings will also be addressed. The significant changes made in the 2024 IEBC will be highlighted throughout the seminar.

inspector observes the jobsite remotely via video or electronic means, enabling inspections without in-person access.

2024 IBC Interior Finishes (PM)



CEU: 0.4

Instructor: George Mann

VIRTUAL

SESSION 136

TRACK 25

This seminar addresses the performance requirements for controlling fire growth within buildings by restricting interior finish and decorative materials. Chapter 8 of the *International Building Code*® (IBC®) regulates interior finishes and decorations to meet certain flame-spread index or flame-propagation criteria based on the relative fire hazard associated with the occupancy. Concepts relating to fire dynamics will be introduced. Additionally, the provisions of Section 2603 regulating the use foam plastic insulation will be discussed.

2024 IBC Multifamily Accessibility



CEU: 0.8

Instructor: Todd Snider

LIVE

SESSION 134

TRACK 24

This class will focus on the specific accessibility requirements for multifamily dwellings including townhouses, apartments, hotels, and congregate living facilities. It will review Section 1108 of the *International Building Code*® (IBC®) and Chapter 11 of ICC A117.1 2017. It will provide an overview of FHA and ADA requirements and how they are incorporated into the building code. It will highlight what features are required to be accessible in various types of multifamily projects and the extent of accessibility requirements. It will go into detail of the requirements of ICC A117.1 for Accessible, Type A, and Type B units. It outlines when each type of unit should be used and highlights the differences between these types of units.

Legal Aspects of Code Administration



CEU: 0.8

Instructor: Linda Pieczynski

LIVE

SESSION 137

TRACK 26

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

Virtual Inspections (AM)



CEU: 0.4

Instructor: Dave Walls

VIRTUAL

SESSION 135

TRACK 25

The program is designed to provide inspectors, industry experts, and building professionals with the knowledge and skills to perform Remote Virtual Inspections (RVI) – a method where the

SESSION DESCRIPTIONS – THURSDAY, MARCH 4

Guided AI Plan Review and Ethical AI in Community Development (AM)



CEU: 0.4
Instructor: Neha Gaonkar

LIVE ONLY
SESSION 138
TRACK 28

This session provides a practical look at how Guided AI Plan Review can improve application quality and review efficiency while maintaining the ethical standards required in public-sector permitting.

Designed for building officials, plan reviewers, and permitting leaders, the course will cover:

- How guided AI helps applicants submit complete, code-compliant applications by identifying missing documentation and likely compliance issues before submission
- How AI supports staff with code research, preliminary compliance checks, comment drafting, and workflow coordination
- How AI strengthens consistency and defensible decision-making without replacing professional judgment
- What ethical AI means in permitting, including transparency, applicant verification of extracted data, auditability, bias mitigation, and clear human oversight

Participants will leave with a practical framework for responsibly implementing AI in plan review while preserving trust, accountability, and regulatory integrity.

Performance Compliance Methods in the IEBC (PM)



CEU: 0.4
Instructor: Rob Emard

LIVE ONLY
SESSION 139
TRACK 28

This session goes through a real-world application of the Performance Compliance Method from the 2024 *International Existing Building Code*® (IEBC®) for an office building. An understanding of the intent of the performance compliance method is built through reviewing the details for each performance attribute while using the method on an office building.

MONDAY – THURSDAY

EduCODE Expo
with
ICC Resource Center
7:00 AM – 3:00 PM

SESSION DESCRIPTIONS – FRIDAY, MARCH 5

2024 IEBC Essentials



CEU: 0.8

Instructor: Rob Emard

LIVE

SESSION 140

TRACK 1

This seminar will introduce critical concepts of the 2024 *International Existing Building Code*® (IEBC®). It will provide a basis for the correct use and application of the code. It will build an understanding of the intent of the code through detailing basic tables, categorizations and a case study.

2027 Sneak Peek – IBC/IRC/IFC



CEU: 0.8

Instructors: Sandra Hyde & George Reid

VIRTUAL

SESSION 141

TRACK 2

The Sneak Peek seminar presents selected changes from the 2024 IBC, IRC and IFC to the 2027 IBC, IRC and IFC and is based on the Significant Changes series. The Significant Changes series of publications address many changes in detail with a focus on those code changes that are considered significant due to their frequency of application, special significance or change in application. This course covers those changes that will likely have the greatest impact on code users. This peek at the upcoming changes in the 2027 codes will familiarize code officials, plans examiners, inspectors and design professionals with some of the more significant changes.

2024 IBC Updates to Soils and Foundations



CEU: 0.8

Instructor: Ryne Stoker

LIVE

SESSION 142

TRACK 3

This course is a bridge between the complex world of geotechnical engineering and foundation design and construction activities and inspections dealing with soil conditions and building foundations. This course is intended to provide an understanding of the principles involved in geotechnical engineering and foundation design. The course will help the attendee better communicate with geotechnical and structural professionals. Case studies will include reviewing sample soil reports and discussions of what to look for when soil reports are part of the plan review submittal.

2024 IBC & ASCE 7



CEU: 0.8

Instructors: Buddy Showalter & Karyn Beebe

VIRTUAL

SESSION 143

TRACK 4

This full-day seminar includes review and analysis of select significant structural changes from the 2021 to the 2024 edition of the *International Building Code*® (IBC®). Specific code changes that have occurred will be identified along with the reasoning behind the changes. Topics include changes to provisions for roofs (Chapter 15), structural design (Chapter 16), special inspections (Chapter 17), soils/foundations (Chapter 18) and materials including concrete, masonry, steel, wood and glass (Chapters 19-24). Updated provisions for temporary structures (Chapter 31) will be discussed. Changes to the IBC-referenced 2022 ASCE/SEI 7 Minimum Design Loads and Associated Criteria for Buildings and Other Structures (ASCE 7-22) will also be presented. Environmental loads to be discussed include rain, snow, ice, wind, tornado, earthquake, tsunami and flood.

Renewable Energy Systems & the IECC (AM)



CEU: 0.4

Instructors: Jerica Stacey & Rich Truitt

LIVE

SESSION 144

TRACK 5

Renewable energy system requirements are new to the 2024 *International Energy Conservation Code*® (IECC®) for commercial building projects. This course provides an overview of renewable energy resources, explores the code requirements for on-site renewable energy systems, and discusses options for off-site electrical energy procurement. Participants will gain an understanding of when renewable energy systems are required, how renewable energy systems can be used to fulfill energy credit requirements, and key considerations for demonstrating compliance. Practical examples and application exercises are incorporated throughout the course to reinforce key concepts and prepare participants to implement and enforce the requirements.

SESSION DESCRIPTIONS – FRIDAY, MARCH 5

2027 IECC Sneak Peek (PM)



CEU: 0.4

Instructor: Jerica Stacey

LIVE

SESSION 145

TRACK 5

This course offers attendees a first look at what to expect in the 2027 *International Energy Conservation Code*® (IECC®). Participants will explore key changes between the 2024 and 2027 editions of the IECC for both residential and commercial building projects, including administrative updates that improve the useability of the code and technical changes that impact building energy use. The course examines modifications to the intent section that build on the 2024 edition, along with updates that impact all major building systems and the reasoning behind those code changes. Finally, participants will gain understanding of the 2030 development cycle and what to expect in future code editions.

Plan Review Strategies for Battery Energy Storage Systems (BESS) (AM)



CEU: 0.4

Instructor: Sarah Carter

LIVE

SESSION 146

TRACK 6

With new technology comes new complexity. This half-day class is designed for fire and building code officials who are tasked with reviewing BESS submittals. Participants will explore key requirements from relevant codes and standards, with a focus on identifying critical safety elements, understanding system configurations, and applying practical plan review strategies. Whether you're new to BESS or looking to sharpen your review process, this session will equip you with the tools and confidence to ensure safe, code-compliant installations. Join us to get wired for safety and be ready for what's next in energy storage.

Existing Buildings: IFC Chapter 11/IEBC (PM)



CEU: 0.4

Instructors: Sarah Carter & John Swanson

LIVE

SESSION 147

TRACK 6

Existing buildings present unique fire and life-safety challenges that require code officials to understand and properly apply both the *International Existing Building Code*®

(IEBC®) and *International Fire Code*® (IFC®). This course provides a practical guide to using, applying, and enforcing the requirements of the IEBC and IFC Chapter 11 to establish minimum fire protection for existing buildings. Participants will explore fire safety requirements, means of egress, outdoor operations, and existing energy storage systems while gaining a better understanding of how the two codes work together to address fire and life safety in existing buildings.

2024 IBC Special Building Types (AM)



CEU: 0.4

Instructor: Jay Elbetta

LIVE

SESSION 148

TRACK 7

Based on selected provisions from Chapter 4, this seminar focuses on several special building types, features and hazards. High-rise buildings, underground buildings, mall buildings, parking garages, aircraft hangars and special amusement buildings are specialized structures that have their own unique considerations. Atriums, stages and platforms are building features that are evaluated in a special manner due to the uniqueness of their use. High-hazard conditions are regulated specifically through provisions addressing combustible storage, hazardous materials, Group H occupancies, spray application of flammable finishes, medical gas storage rooms and higher education laboratories.

2024 IBC Use of Fire & Smoke Separations (PM)



CEU: 0.4

Instructor: Jay Elbetta

LIVE

SESSION 149

TRACK 7

This seminar identifies the many and varied conditions identified in the *International Building Code*® (IBC®) where fire and/or smoke separations are required. The discussion will focus on those required locations where fire-resistance-rated wall and horizontal assemblies, as well as smoke-resistive wall and horizontal assemblies, are either required by the IBC or utilized by design professionals as alternative approaches to code compliance. Such locations include the selective or mandated use of fire walls, fire barriers, fire partitions, smoke barriers, horizontal assemblies and other separation elements. Specific topics include: separated occupancies, control areas, incidental use areas, institutional and residential occupancies, exit ways, smoke compartments, fire areas, separate buildings, and shaft enclosures.

SESSION DESCRIPTIONS – FRIDAY, MARCH 5

2024 IBC Special Building Types (AM)



CEU: 0.4

Instructor: Roger Axel

VIRTUAL

SESSION 150

TRACK 8

Based on selected provisions from Chapter 4, this seminar focuses on several special building types, features and hazards. High-rise buildings, underground buildings, mall buildings, parking garages, aircraft hangars and special amusement buildings are specialized structures that have their own unique considerations. Atriums, stages and platforms are building features that are evaluated in a special manner due to the uniqueness of their use. High-hazard conditions are regulated specifically through provisions addressing combustible storage, hazardous materials, Group H occupancies, spray application of flammable finishes, medical gas storage rooms and higher education laboratories.

2024 IBC Use of Fire & Smoke Separations (PM)



CEU: 0.4

Instructor: Roger Axel

VIRTUAL

SESSION 151

TRACK 8

This seminar identifies the many and varied conditions identified in the *International Building Code*® (IBC®) where fire and/or smoke separations are required. The discussion will focus on those required locations where fire-resistance-rated wall and horizontal assemblies, as well as smoke-resistive wall and horizontal assemblies, are either required by the IBC or utilized by design professionals as alternative approaches to code compliance. Such locations include the selective or mandated use of fire walls, fire barriers, fire partitions, smoke barriers, horizontal assemblies, and other separation elements. Specific topics include: separated occupancies, control areas, incidental use areas, institutional and residential occupancies, exit ways, smoke compartments, fire areas, separate buildings, and shaft enclosures.

Service Change Requirements (AM)



CEU: 0.4

Instructor: Randy Hunter

LIVE

SESSION 152

TRACK 9

Service changes are among the most common installations and inspections we do in our business. However, they are

also among the most challenging jobs, as we have to take an existing installation and its conditions and update them with new products. Often the new equipment simply doesn't fit. The new service also has to be brought up to current codes. Service changes are also made when demand increases beyond what the old service can provide; this may be due to building additions or alternative energy additions. This program will be based on actual service changes that have been made and will illustrate the good, the bad, and the ugly for both the contractor and inspector. Join us for a great learning experience.

Attendees should bring a 2026 NEC book.

IAEI's Analysis of Changes – 2026 NEC



CEU: 0.8

Instructor: John McCamish

VIRTUAL

SESSION 153

TRACK 10

This course, based on the IAEI Analysis of Changes for NEC-2026, is geared to provide an understanding of the key updates to the 2026 *National Electrical Code*® (NEC®). This session highlights significant revisions across residential, commercial, and industrial electrical systems. New and practical insights on how changes impact electricians, inspectors and designers will be discussed. Review detailed analysis of each change with real-world examples, including updates on conductors, grounding, surge protection, PV systems, and outdoor emergency disconnects.

Prescriptive Structural Provisions for the Plans Examiner



CEU: 0.8

Instructor: Kurt McMullin

LIVE

SESSION 154

TRACK 11

Examines the prescriptive structural provision requirements of the *International Building Code*® (IBC®). Addresses major elements including structural design, loads, structural tests and special inspections, soils and foundations, concrete, masonry, steel and wood. This class is designed for nonengineers.

SESSION DESCRIPTIONS – FRIDAY, MARCH 5

Building Department Management Workshop



CEU: 0.8
Instructor:
Joshua Harmon

VIRTUAL
SESSION 155
TRACK 12

Somewhere between “the building official shall enforce the provisions of this code” and Tuesday morning at 9:15 – when a council member is on line one, a contractor is at the counter with a permit he swears he already paid for, and someone has posted a photo of your stop work order on Facebook – sits the actual job of building code administration. Chapter 1 of the I-Codes tells you what you’re required to do, the source and limits of your authority, permits and construction documents, inspections, certificates of occupancy, fees, the board of appeals, violations, stop work orders, and unsafe structures. It does not tell you how to build a budget, hire and keep good inspectors, answer a reporter, respond to a public records request, or hold your ground when the pressure comes from above. Those duties are just as real, and they’re where careers are made and unmade – this intermediate-level workshop covers both; so bring your ordinance, bring your code, and bring the problem you’ve been chewing on.

Leadership IMPACT – Innovation and Change (AM)



CEU: 0.4

LIVE
SESSION 156
TRACK 13

VIRTUAL
SESSION 158
TRACK 14

Instructors: Tim Schneider &
Kelley Reynolds

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 CDs, DVDs 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 produce sustained and impacting change in the working environment.

AM sessions start at 7:30 am PT / PM sessions start at 1:00 pm PT

Leadership IMPACT – Success Skills for Leaders (PM)



CEU: 0.4

Instructors: Tim Schneider &
Kelley Reynolds

LIVE
SESSION 157
TRACK 13

VIRTUAL
SESSION 159
TRACK 14

The challenges of day-to-day operational reality for leaders is large. To effectively lead, a set of personal skills is needed to enhance efficiency, take care of self and deal with the difficult people that pop up. Leadership TRANSFORMATION – Success Skills for Leaders provides the personal skill set needed to navigate successfully and thrive in the modern working environment. Beginning with the key elements of time management including prioritizing, time/task blocking, reducing time parasites and scheduling, this program will enhance your personal productivity immediately. Stress management tools follow that help you cope and better understand the stress and from where it originates. The final set of skills will help you diffuse and win over difficult people. The Aegis Learning model of Listen, Validate, Respond will help you with those prickly team members, customers and even family.

Unsafe Structure Abatement (AM)



CEU: 0.4
Instructor: Victor Martinez

LIVE ONLY
SESSION 160
TRACK 15

Unsafe structures present some of the most complex and challenging cases in code enforcement. This course provides a comprehensive overview of the unsafe structure abatement process, guiding participants through each stage – from identifying hazardous conditions and documenting violations to conducting inspections, issuing notices, coordinating with legal counsel, and successfully completing the abatement. Using the 2024 *International Property Maintenance Code*® (IPMC®) as the foundation, participants will examine the legal authority for declaring structures unsafe, due process requirements, emergency actions, demolition considerations, contractor coordination, cost recovery, and case documentation. Real-world case studies and practical examples will demonstrate best practices for managing unsafe structure cases while protecting public safety and minimizing liability. Whether you are new to code enforcement or an experienced professional, this course will provide the knowledge and practical tools needed to confidently navigate the unsafe structure abatement process from beginning to end.

SESSION DESCRIPTIONS – FRIDAY, MARCH 5

Short-Term Rentals – A to Z (PM)



CEU: 0.4

Instructors: Mikki Robinson &
Tana Bryant

LIVE ONLY

SESSION 161

TRACK 15

Short-term rentals have transformed the way communities approach housing, tourism, and property management. While they can provide economic benefits for property owners and local governments, they also present unique challenges involving zoning, licensing, life safety, nuisance complaints, occupancy limits, and neighborhood compatibility. This course provides code enforcement professionals with a comprehensive understanding of the issues surrounding short-term rentals—from establishing a registration program to enforcing local regulations and resolving violations.

Participants will explore the legal and practical considerations of developing and administering a successful short-term rental program. The course examines registration and permitting processes, zoning regulations, inspections, life-safety requirements, complaint investigations, enforcement strategies, and interdepartmental coordination. Real-world examples and case studies will demonstrate effective approaches to balancing property rights, neighborhood expectations, and public safety while maintaining fair and consistent enforcement. Whether your community is considering a short-term rental program or looking to strengthen an existing one, this course offers practical guidance, proven best practices, and lessons learned from jurisdictions across the country.

Inspector Skills



CEU: 0.8

Instructor: Terrell Stripling

VIRTUAL

SESSION 162

TRACK 16

This class addresses the necessary soft skills for success as an inspector, those nontechnical traits and behaviors that enhance an inspector's ability to interact with others and to successfully carry out their job duties. These include people skills such as effective communication, diplomacy and customer service, but also include skills for problem solving, professionalism, integrity, and time management. In addition to a solid understanding of the technical provisions of the codes, developing appropriate soft skills is essential in pursuing the goal of safe, healthy and durable buildings

for the community. Developed specifically for construction inspectors in all disciplines, the topics covered are equally important to all employees of public service agencies including permit technicians, plan reviewers, managers, building officials and fire code officials. The information is also beneficial for developing policies and procedures to promote consistent and fair inspection practices while improving communications and public relations.

What to Inspect When You're Inspecting – High Rises

CEU: 0.8

Instructors: Ed Kaminski & Andrew Kelly

LIVE

SESSION 163

TRACK 17

This seminar will be taught from the ground up, a crash course on critical structural and fire inspections with review of several high-rise incidents that have led to new code provisions and the on-going efforts for high-rise safety. We will take a top 10 approach to giving our perspective on the most common issues and the most critical elements of the structural and fire life-safety systems to inspect. Aspects unique to high-rise buildings will be presented of several iconic structures.

Inspector Bootcamp: Single-Family Residence

CEU: 0.8

Instructor: Nathan Ball

VIRTUAL

SESSION 164

TRACK 18

This class offers a basic overview of inspections performed during the construction of a single-family residence. Students will gain a firm understanding of the inspection process from underground inspections all the way through final inspection. This class is good for new inspectors, plan checkers, permit technicians, job site superintendents, and anyone who is interested in the overall inspection process.

That's a Wrap!

CEU: 0.8

Instructor: Sharon Halpert

LIVE ONLY

SESSION 165

TRACK 19

Fire-rated duct wrap is used on commercial kitchens, ventilation air ducts and on multifamily residential projects, you may see it on kitchen and dryer vents. This class will explain the fire test standards so you understand the reason certain elements of the installation requirements are critical, and you will be able to identify problems quicker. When you join us for this class, you will have the opportunity for a hands-on installation during class and we will workshop solutions. We will walk through the elements that are universal and the elements that change from one manufacturer to the next. We will also add in a new discussion about the special inspection of fire-rated duct wrap-ASTM E3385 in case it gets speced on your project, you can understand what goes into the inspection and the reports.

available pressure, allowable pressure drop, piping materials, and applicable sizing tables and methodologies. Through practical examples and code-based exercises, attendees will learn how to determine system demand, select the appropriate sizing method, calculate required pipe sizes, and evaluate whether a proposed or existing fuel gas piping system has sufficient capacity for the connected load. The course emphasizes both the mechanics of performing fuel gas sizing calculations and the importance of understanding the principles behind those calculations.

2024 IEBC Core Essentials

CEU: 0.8

Instructor:

Chris Kimball

LIVE

SESSION 170

TRACK 22

While new construction is going on all around us, most permit applications received are in relation to existing buildings, whether they are undergoing tenant improvements, additions or changes in occupancy. This course will focus on the requirements of the 2024 *International Existing Building Code*® (IEBC®) in relation to existing buildings undergoing repairs, alterations, additions, or changes in occupancy. There will be a discussion on the multiple compliance paths provided in the IEBC, with tables outlining the key differences between each. The triggers to update key structural, fire and life safety, means of egress, and accessibility requirements will be discussed in detail. Requirements for moved structures and historic buildings will also be addressed. The significant changes made in the 2024 IEBC will be highlighted throughout the seminar.

2027 IPC Essentials (AM)

CEU: 0.4

Live Instructor: Gary Gauthier

Virtual Instructor: Lisa Reiheld

LIVE ONLY

SESSION 166

TRACK 20

VIRTUAL

SESSION 168

TRACK 21

This seminar covers the concepts of the 2027 *International Plumbing Code*® (IPC®). It familiarizes building officials, plans examiners, inspectors and design professionals with the structure of the IPC. 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.

2024 IRC Nonstructural Plan Review

CEU: 0.8

Instructor:

Brittany Allen

VIRTUAL

SESSION 171

TRACK 23

This seminar will discuss how to perform a residential plan review to ensure compliance with the key nonstructural provisions of the *International Residential Code*® (IRC®). It will not cover the prescriptive braced wall provisions of the IRC, but will focus on the nonstructural requirements that must be met. Topics for discussion include administration, design criteria, site considerations, foundations, floor construction, roof construction, wall construction, wall coverings, and roofing, while also touching on mechanical, plumbing, electrical, and energy requirements. The seminar does not teach how to design a single-family residence but rather explains how to verify the project's design assumptions and overall compliance with the IRC.

2027 Fuel Gas Sizing (PM)

CEU: 0.4

Live Instructor: Rich Anderson

Virtual Instructor: Jim Cika

LIVE ONLY

SESSION 167'

TRACK 20

VIRTUAL

SESSION 169

TRACK 21

Proper fuel gas system sizing is essential to ensuring that appliances receive the quantity of fuel necessary to operate safely, efficiently, and as intended. This course provides participants with a practical understanding of how and why fuel gas piping systems are properly sized in accordance with the 2027 *International Fuel Gas Code*® (IFGC®).

Participants will examine the fundamental factors affecting system sizing, including appliance demand, developed length,

SESSION DESCRIPTIONS – FRIDAY, MARCH 5

2024 IRC Decks, Carports, and Accessory Structures



CEU: 0.8

Instructor: Todd Snider

LIVE ONLY
SESSION 172
TRACK 24

This seminar will focus on the conventional construction requirements for detached accessory structures (i.e., garages, sheds, etc.), residential decks, carports, and patio structures to ensure compliance with the *International Residential Code*® (IRC®). The intent of this class is to help building officials and plans examiners to know how to quickly perform a review of these projects at the counter to see if they are in compliance with the IRC and will also help building inspectors to know what to look for in the field.

2024 IBC Fire & Life-Safety Principles



CEU: 0.8

Instructor: George Mann

VIRTUAL
SESSION 173
TRACK 25

This class addresses the critical concepts of the 2024 *International Building Code*® (IBC®) regarding fire and life-safety issues. These concepts provide a basis for the correct use of the code in building planning, classification of buildings and occupancies, fire-resistance-rated construction, fire protection systems and means of egress. The content addresses issues that are necessary for many designs and plan review decisions.

Plan Review Skills



CEU: 0.8

Instructor: John Gibson

LIVE ONLY
SESSION 174
TRACK 26

A successful plan reviewer must have the requisite technical and soft skills in order to excel in their role to ensure safe, code-compliant buildings. This seminar provides guidance on positive behaviors, approaches and techniques that the plan reviewer may employ in order to achieve an efficient plan review. The publication *Plan Review Skills*, published by ICC, is the basis for the information presented.

Basic Code Enforcement



CEU: 0.8

Instructor: Tim Ryan

VIRTUAL
SESSION 175
TRACK 27

This course educates new code officials in basic concepts of code enforcement and provides an opportunity to master skills that are fundamental to performing the duties of a code official. The goal of this training is to ensure that the participants will be able to explain the fundamentals of code enforcement and describe the duties of a code official.

IRC Conventional Roof Framing (AM)



CEU: 0.4

Instructor: Robert Rice

LIVE ONLY
SESSION 176
TRACK 28

This course explores the wood roof framing provisions of the *International Residential Code*® (IRC®), including wood framing materials, design loads, and load paths. Participants will explore both engineered roof truss systems and prescriptive conventional roof framing (stick-framing) methods. The course reviews the specific IRC design and construction requirements with emphasis on rafters, rafter ties, ridge construction options, purlins and purlin support, as well as connections and fasteners. Discussion will also address key responsibilities during plan review and field inspections, highlighting common code compliance issues and critical inspection points.

Accessory Dwelling Units (ADUs) – IRC Appendix BC (PM)



CEU: 0.4

Instructor: Robert Rice

LIVE ONLY
SESSION 177
TRACK 28

This course will focus on the ADU provisions introduced in Appendix BC of the 2024 *International Residential Code*® (IRC®). The course will also cover how the ADU provisions relate to the requirements in the main body of the IRC and will explore the specific limitations, requirements and exceptions of the appendix. Related zoning, plan review and permitting topics will be discussed as well as sources that exist for ready-made ADU plans.

REGISTRATION INFORMATION

Please visit iccsafe.org/educode to register.

Registration is online only.

If you need assistance, please contact ICC Training at (888) ICC-SAFE or 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 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

\$125 – Half Day

\$250 – Full Day

\$1,100 – Full Five-Day Week per Registrant

VIRTUAL REGISTRATION

\$90 – Half Day

\$180 – Full Day

\$750 – Full Five-Day Week per Registrant

COMPANION – \$175

(Additional guest for events only)

CANCELLATION POLICY

If you need to cancel, EduCODE must receive notification in writing by January 16, 2027 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 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. 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 updated AIA approvals at

iccsafe.org/educode. Check with your local licensing board for additional CEU requirements.

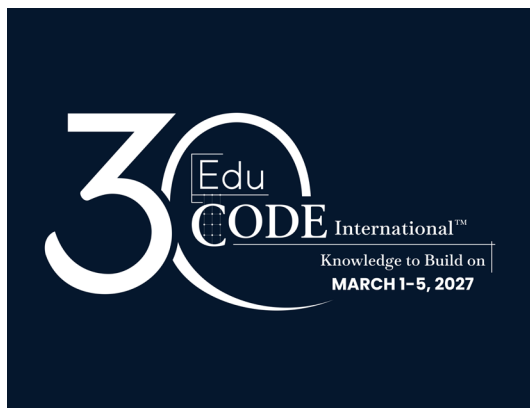
EDUCODE EVENTS

- **Tuesday Night (Mar. 2) | 5:30 PM – 7:30 PM**
Student Appreciation and Networking Social
Join us for a '90s Flashback with food, drinks & fun!
- **Wednesday Night (Mar. 3) | 5:30 PM – 7:30 PM**
Exhibitor and Industry Networking Game Night
Food, drinks, games, prizes and tons of fun.
- **Thursday Night (Mar. 4) | 6:00 PM – 9:00 PM**
Annual Bowling Networking Event
Connect with fellow attendees, instructors, and tradeshow partners outside of the classroom at this networking event. Food, drink and prizes and lots of fun!
- **EduCODE Expo | M – TH 7:00 AM – 3:00 PM**
Visit the various suppliers of products and services that affect our built environment.
- **ICC Resource Center | M – TH 7:00 AM – 3:00 PM**

CERTIFICATION & TESTING

Exams will be offered on Wednesday (Mar. 3) and Thursday (Mar. 4). Exams will begin at 5:30 PM and will utilize Salon "G".

Please check iccsafe.org/educode for more detailed information including tests offered and pricing.



EduCODE International Conference & EXPO 2027

iccsafe.org/educode

1-888-ICC-SAFE (422-7233), ext. 4

REGISTRATION CHECKLIST

Contact the International Code Council
at 1-888-422-7233, ext. 4

or online at iccsafe.org/educode

- Best Value \$\$ – Full-week Registration
- Deadline February 14, 2027
- For registration questions, contact the International Code Council at (888) 422-7233, ext. 4 or 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: 4:00 – 6:00 PM, M–F: 6:30 AM – 3:00 PM

HOTEL CHECKLIST

- Contact The Orleans Hotel at 1-800-675-3267 or <https://stay.orleans.boydgaming.com/promo?hotel=OR&accessCode=EDUC27P>
- Use EduCODE Group Code EDUC27P
- Deadline January 27, 2027



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

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



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www.educode.us

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