

# Edu 2021

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**virtually!**

**March 1–5, 2021**

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Twenty-Four Years of Building Code Education

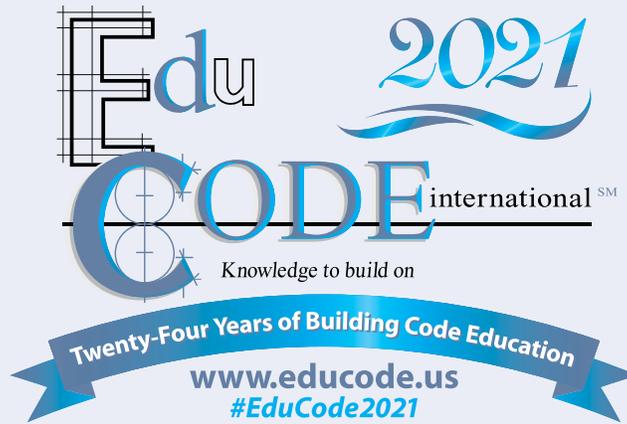
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#EduCode2021



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Welcome to EduCode 2021!

EduCode 2021 is our 24th year of providing outstanding education for Inspectors, Plans Examiners, Permit Technicians, Code Enforcement Officers, Building Officials, Architects, Engineers, Managers, Leaders, Directors, and all others working or interested in a safe built community. The last several months have been quite taxing on everyone in the building, fire and safety environment, but overall by the quality of the trained professionals in our industry we have proven to overcome any hurdles put in place.

EduCode is here to help strengthen this professionalism by providing industry renowned education, training, networking, and experiences for everyone who attends. Due to restrictions put in place throughout the country, this year EduCode is proud to offer a virtual platform that will maintain our level of excellence and interesting events. This is a first for EduCode, but we listened to our partners, sponsors, and attendees to ensure that we always provide what is needed and best suits you, our customer.

EduCode 2021, while only virtual this year, still provides you with a full week of training where you will receive up to 4.0 CEU's of ICC Preferred Provider credit. Whether you attend for one day or the full week, your experience will be rewarding! While attending, make sure you visit all our exhibitor and sponsors for updates on new innovations, techniques, career potentials, and other valuable information.

I am looking forward to seeing everyone online and will continue to make your EduCode experience the best it can be!

Sincerely,

Alan Ellis  
EduCode Director

## SESSION DESCRIPTIONS – MONDAY, MARCH 1

### 2018 IRC Essentials

SESSION 1



CEU: 0.8  
Instructor: Cash Olszowy  
Class Format: Virtual

This seminar examines basic concepts of the 2018 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 also help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them.

### 2018 IBC Use of Fire and Smoke Separations

SESSION 2



CEU: 0.4  
Instructor: George Mann  
Class Format: Virtual

This seminar identifies the many and varied conditions identified in the 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.

### 2018 IBC Allowable Height and Area

SESSION 3



CEU: 0.4  
Instructor: George Mann  
Class Format: Virtual

Based on the provisions of IBC Chapter 5, this seminar focuses on how a building's occupancy classification and type of construction relate to the maximum building size permitted by the IBC. The approach to determining a building's maximum allowable height and area is explained, including use of 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.

### What's New for the 2020 NEC?

SESSION 4



CEU: 0.8  
Instructors: Christel & Randy Hunter  
Class Format: Virtual

This is a fast-paced seminar that will cover major changes in the 2020 National Electrical Code®. Photos and illustrations will be used to show how the NEC® is changing and how those changes will affect electrical installations. A few of the changes include: GFCI protection expansion, emergency disconnects for dwellings, changes to lighting load calculations, new articles, and the extensive reorganization of Article 310. Attendees should bring a 2020 NEC.

### 2018 IFC Performing Commercial Fire Inspections

SESSION 5



CEU: 0.8  
Instructor: Scott Adams  
Class Format: Virtual

This seminar presents the process of conducting commercial fire inspections, following the provisions and requirements of the 2018 International Fire Code®. Specifically, the seminar provides participants with checklists that enable those performing commercial fire inspections to determine whether the materials, design, construction, installation and location of building components comply with the code.

## SESSION DESCRIPTIONS – MONDAY, MARCH 1

### 2018 IBC Use of Fire Sprinklers and Alarms

SESSION 6



CEU: 0.4  
Instructor: Terrell Stripling  
Class Format: Virtual

This seminar identifies those conditions under which automatic sprinkler protection and/or fire alarm systems are required. The application of the fire area concept will be discussed, along with the varying extent of sprinkler protection required based upon specific situations. In addition, the discussion will address many of the key code conditions under which the presence of an automatic sprinkler system can be used to modify other requirements.

### 2018 IBC Exit Systems

SESSION 7



CEU: 0.4  
Instructor: Terrell Stripling  
Class Format: Virtual

This seminar focuses on IBC Chapter 10 means of egress components that are defined and regulated as exits. These components, defined in Chapter 2, are considered as high-level elements that provide a considerable degree of occupant protection within the means of egress system. The exit discharge provisions will also be discussed.

### IRC Plan Review

SESSION 8



CEU: 0.8  
Instructor: Gil Rossmiller  
Class Format: Virtual

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

### 2018/2021 UMC/IMC Code Changes

SESSION 9



CEU: 0.4  
Instructor: Tim Collings  
Class Format: Virtual

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

### 2018/2021 UPC/IPC Code Changes

SESSION 10



CEU: 0.4  
Instructor: Tim Collings  
Class Format: Virtual

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

### Leadership IMPACT – Communications

SESSION 11



CEU: 0.8  
Instructor: Tim Schneider  
Class Format: Virtual

The ability to communicate effectively and at the right frequency is the core of success in leadership, business and life. Those that are able to relay instructions, vision and more, can connect with others, enhance personal productivity and avoid unneeded conflicts.

This seminar will enhance the ability to listen, communicate clearly, manage communication tone, match communication style, and control non-verbal tone. Additionally, communication boundaries, frequency and the incredibly important skill of communication richness will be presented. Leadership IMPACT-Communications introduces participants to the powerful DiSC assessment as a highly accurate predictor of communication style and other key tendencies.

# SESSION DESCRIPTIONS – MONDAY, MARCH 1

## 2018 IPMC Crash Course

SESSION 12



CEU: 0.4  
Instructor: Tana Bryant  
Class Format: Virtual

Learn to navigate the International Property Maintenance Code in a fun filled manner. Easy study tips to help prepare for the IPMC certification exam.

## Communications – Verbal, Written and Physical

SESSION 13



CEU: 0.4  
Instructor: Barbara Burlingame  
Class Format: Virtual

What you say and how you say it, whether in writing, face to face or by body language can determine how your interaction with the public will be. Tips for success in dealing with the public, co-workers or city officials for use in day to day settings.

## 2018 IBC Fire and Life Safety Principles

SESSION 14



CEU: 0.8  
Instructor: Jay Woodward  
Class Format: Virtual

This seminar addresses the critical concepts of the 2018 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. During this training, participants will be listening to lecture and viewing examples, as well as discussing sections of the IBC that pertain to fire and life safety principles in building design and regulation.

## 2021 IBC Update

SESSION 15



CEU: 0.4  
Instructor: Sandra Hyde  
Class Format: Virtual

This seminar addresses important changes that occurred between the 2018 to the 2021 edition of the International Building Code (IBC). Although most of the presentation focuses on revisions to the IBC fire- and life-safety provisions, additional areas of discussion include accessibility, structural elements and systems, construction materials and building services. The seminar assists building officials, fire officials, plans examiners, inspectors and design professionals in identifying the specific code changes that have occurred and understanding the reasoning behind the changes. This seminar is a shortened version of the seminars 2021 IBC Nonstructural Changes and 2021 IBC Structural Changes and covers only a portion of the topics addressed in those programs.

## 2021 IRC Update

SESSION 16



CEU: 0.4  
Instructor: Sandra Hyde  
Class Format: Virtual

This seminar addresses important changes that occurred between the 2018 to the 2021 edition of the International Residential Code (IRC). Although the focus of the presentation is on revisions to the IRC building planning, foundation and framing provisions, additional topics of discussion include energy, plumbing, mechanical and electrical. The seminar assists building officials, fire officials, plans examiners, inspectors and design professionals in identifying the specific code changes that have occurred and understanding the reasoning behind the changes. The seminar is a shortened version of the seminar 2021 IRC Significant Changes.

## DESCRIPTIONS – MONDAY, MARCH 1

### Building Plans Examiner Test Academy – Day 1

SESSION 17



CEU: 2.4  
Instructor: Jerry Flanik  
Class Format: Virtual

The 2018 Building Plans Examiner Certification Test Academy features expert instruction and includes interactive review exercises, practice exams and individual and group-based activities to help you get better prepared to take the exam. Throughout the academy you will be given an opportunity to answer questions that reference the exam resources. Main Topics include: General Administration, Building Planning, Footings and Special Foundations, Floor Construction, Wall Construction and Coverings, Roof/Ceiling Construction and Public Safety and Special Construction. The goal of the test academy is to familiarize you with the building plans examiner certification exam content.

**Required Materials:** For this academy, you will need the 2018 International Building Code (IBC) and either the ACI 318 OR Concrete Manual (any edition).

*NOTE: Exam not included but can be purchased separately.*

## DESCRIPTIONS – TUESDAY, MARCH 2

### 2021 IRC Significant Changes

SESSION 19



CEU: 0.8  
Instructor: Cash Olszowy  
Class Format: Virtual

This seminar reviews and analyzes selected significant changes from the 2018 to the 2021 edition of the International Residential Code (IRC). Although the focus of the presentation is on revisions to the IRC building planning, foundation and framing provisions, additional topics of discussion include energy, plumbing, mechanical and electrical. The seminar assists building officials, fire officials, plans examiners, inspectors and design professionals in identifying the specific code changes that have occurred and understanding the reasoning behind the changes. The program is based on the ICC publication Significant Changes to the International Residential Code, 2021 Edition.

### 2018 IBC Special Building Types, Features and Hazards

SESSION 20



CEU: 0.4  
Instructor: Terrell Stripling  
Class Format: Virtual

Based on selected provisions from Chapter 4, this seminar focuses on several special building types, features and hazards. High-rise buildings, underground buildings, parking garages are specialized buildings that have their own unique considerations. Atriums, stages and platforms are building features that are evaluated in a special manner due to the hazards involved. Combustible storage, use and storage of hazardous materials, spray application of flammable finishes, medical gas storage rooms, control areas and laboratory suites are also addressed. The special detailed requirements and allowances set forth throughout Chapter 4 address a variety of uses and occupancies.

**Application and Administration of the I-Codes**

SESSION 21



CEU: 0.4  
 Instructor: Tim Ryan  
 Class Format: Virtual

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

**Electrical Safety and NFPA 70E 2021**

SESSION 22



CEU: 0.8  
 Instructor: Howard Herndon  
 Class Format: Virtual

This is an extensive and popular program analyzing the major points to enable attendees to further their knowledge on safe practices related to electrical safety based on the new 2021 edition of NFPA 70E. Extremely detailed instructions and demonstrations are presented related to personal protective equipment (PPE). The demonstrations of PPE allow each participant to learn the proper practices to follow and prevent loss of life during the hazards involved in such work environments. The NFPA 70E 2021 is the recommended text for this class and each attendee bring their own copy. Copies will also be available for purchase at EduCode.

**2018 IFC Essentials**

SESSION 23



CEU: 0.8  
 Instructor: Scott Adams  
 Class Format: Virtual

This seminar will introduce the application of the 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 seminar is designed to familiarize and assist code officials in locating, describing and applying applicable code requirements of the IFC to determine compliance or noncompliance.

**Commercial Accessibility**

SESSION 24



CEU: 0.8  
 Instructor: Kim Paarlberg  
 Class Format: Virtual

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

**Residential Inspections**

SESSION 25



CEU: 0.8  
 Instructor: Gil Rossmiller  
 Class Format: Virtual

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

## SESSION DESCRIPTIONS – TUESDAY, MARCH 2

### 2018/2021 UPC/IPC Workshop

SESSION 26



CEU: 0.4

Instructor: Tim Collings

Class Format: Virtual

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

### 2018/2021 UMC/IMC Workshop

SESSION 27



CEU: 0.4

Instructor: Tim Collings

Class Format: Virtual

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

### Leadership IMPACT – Team Member

SESSION 28



CEU: 0.4

Instructor: Tim Schneider

Class Format: Virtual

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.

### Engagement Leadership IMPACT – Coaching

SESSION 29



CEU: 0.4

Instructor: Tim Schneider

Class Format: Virtual

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 correctively 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.

### Code Compliance Ideas & Challenges for Small Towns

SESSION 30



CEU: 0.4

Instructor: Kelvin Beene

Class Format: Virtual

This course delves into the varying issues that come with code enforcement in smaller municipalities. It compares and contrasts the many problems that are shared between the two entities and offers solutions and suggestions to making enforcement easier for the officers.

### Why Are We Essential?

SESSION 31



CEU: 0.4

Instructor: Kelvin Beene

Class Format: Virtual

This course details why code enforcement is essential to the health, safety and economic development of cities. It also details the necessity to show yourself with city governance.

## 2018 IBC Exterior Wall and Opening Protection

SESSION 32



CEU: 0.4  
Instructor: George Mann  
Class Format: Virtual

This seminar addresses the various provisions in the 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.

## 2018 Types of Construction Classification and Application

SESSION 33



CEU: 0.4  
Instructor: George Mann  
Class Format: Virtual

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 of construction type: 1) determination of the appropriate types of construction based on building occupancy, height and area, and 2) identification of the construction and fire-resistance-rated features associated with the nine individual construction types. The permissible use of combustible materials in Type I and II noncombustible buildings will also be addressed.

## Building Plans Examiner Test Academy – Day 2

SESSION 17



CEU: 2.4  
Instructor: Jerry Flanik  
Class Format: Virtual

The 2018 Building Plans Examiner Certification Test Academy features expert instruction and includes interactive review exercises, practice exams and individual and group-based activities to help you get better prepared to take the exam. Throughout the academy you will be given an opportunity to answer questions that reference the exam resources. Main Topics include: General Administration, Building Planning, Footings and Special Foundations, Floor Construction, Wall Construction and Coverings, Roof/Ceiling Construction and Public Safety and Special Construction. The goal of the test academy is to familiarize you with the building plans examiner certification exam content.

**Required Materials:** For this academy, you will need the 2018 International Building Code (IBC) and either the ACI 318 OR Concrete Manual (any edition).

*NOTE: Exam not included but can be purchased separately.*

## Building Science Meets the IECC

SESSION 79

CEU: 0.8  
Instructor Les Lazareck  
Class Format: Virtual

Enforcement of the 2021 IECC has moved from prescriptive requirements to an understanding of the intent of the code. Therefore, we need to better understand Building Science, so we realize the connections between efficiency, durability, safety, and comfort. This course will walk you through the 2021 IECC, the basic building science incorporated in its compliance path and the connection between energy and specific sections of the IRC.

**2018 IBC Essentials**

SESSION 35



CEU: 0.8  
 Instructor: Jay Woodward  
 Class Format: Virtual

This seminar focuses on the basic concepts of the 2018 International Building Code (IBC). These concepts provide a basis for the correct utilization of the code. A clear understanding of the identified requirements allows the code user to apply the IBC in specific situations and helps to build an understanding of the intent of the code when asked to make a judgment on code compliance. This course will also help the code user to correctly locate code requirements. It will also provide a basis for the correct use and application of the code as well as to begin to develop a procedure for applying them. It will address the organization of the code and how it relates to the IBC family of International Codes.

**Type A and B Units in Multi-family Dwellings**

SESSION 36



CEU: 0.4  
 Instructor: George Mann  
 Class Format: Virtual

In Group R-2 apartment buildings, it is often necessary to provide both Type A and Type B dwelling units. This seminar will identify under what conditions Type A and B units are required, as well as the technical requirements for these specific types of dwelling units. The discussion will focus on both the scoping provisions in 2018 IBC Chapter 11, as well as the technical criteria set forth in ICC A117.1-2009. The scoping requirements for public and common-use areas associated with apartment buildings, including parking and recreational facilities, will also be addressed.

**2018 IBC Mixed Occupancies**

SESSION 37



CEU: 0.4  
 Instructor: Roger Axel  
 Class Format: Virtual

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

**Electrical Exam Preparation for the Inspector, Journeyman and Master Electrician**

SESSION 38



CEU: 0.8  
 Instructor: Randy & Christel Hunter  
 Class Format: Virtual

This seminar is designed to provide a strong foundation of electrical knowledge for electricians and inspectors who wish to take the electrical license and certification exams. Topics that will be covered are NEC structure, using the National Electrical Code® (NEC®) to locate requirements and tables for electrical systems. Topics will also include using the NEC for calculations, ampacities, box sizing, feeder sizing and more. Attendees should bring a 2017 or 2020 NEC.

**2021 IFC Significant Changes**

SESSION 39



CEU: 0.8  
 Instructor: Scott Adams  
 Class Format: Virtual

The goal of this seminar 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 2021 International Fire Code® (IFC®). The major changes from the 2018 IFC to the 2021 IFC will be presented. Participants will discuss the changes, reasons for the changes, and take part in knowledge review activities. Information presented will allow participants to apply these new code requirements to design, plan review, and/or inspection. The seminar uses the publication, Significant Changes to the International Fire Code, 2021 Edition.

## SESSION DESCRIPTIONS – WEDNESDAY, MARCH 3

### 2018 IEBC Essentials

SESSION 40

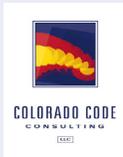


CEU: 0.8  
Instructor: Tim Ryan  
Class Format: Virtual

This seminar will introduce critical concepts of the 2018 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.

### IBC Plan Review

SESSION 41



CEU: 0.8  
Instructor: Gil Rossmiller  
Class Format: Virtual

This seminar explains the process of conducting a plan review for small/medium-sized commercial projects. It will cover the building, plumbing, mechanical and electrical requirements for commercial projects. The class will provide students with formats, process and understanding of how to conduct a commercial plan review.

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

SESSION 42



CEU: 0.8  
Instructor: Tim Collings  
Class Format: Virtual

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

### Leadership IMPACT – Self-Mastery

SESSION 43



CEU: 0.8  
Instructor: Tim Schneider  
Class Format: Virtual

“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.

### What Is In Your Toolbox?

SESSION 44



CEU: 0.4  
Instructor: Christylla Miles  
Class Format: Virtual

How to be an effective code officer by increasing your knowledge of ordinances, local and state codes, best practices and the like. Knowledge is the key!

### Live to See Another Day

SESSION 45



CEU: 0.4  
Instructor: Christylla Miles  
Class Format: Virtual

This course will cover officer safety in the field as well as in the office. How well do you know the ones you work with? This is a fun class that has an element of surprise.

TRACK	Monday March 1	Tuesday March 2	Wednesday March 3	Thursday March 4	Friday March 5
Track 1: I-Codes	<b>2018 IRC Essentials</b> Session 1 FULL DAY	<b>2021 IRC Significant Changes</b> Session 19 FULL DAY	<b>2018 IRC Essentials</b> Session 35 FULL DAY	<b>2021 IBC Significant Nonstructural Changes</b> Session 49 FULL DAY	<b>2018 IBC Fire and Smoke Protection Features</b> Session 65 FULL DAY
Track 2: I-Codes	<b>2018 IBC Use of Fire and Smoke Separations</b> AM Session 2	<b>2018 IBC Special Building Types, Features and Hazards</b> AM Session 20	<b>Type A and B Units in Multi-family Dwellings</b> AM Session 36	<b>2018 IRC Inspector Insights</b> AM Session 50	<b>2021 IBC Significant Structural Changes</b> AM Session 66
	<b>2018 IBC Allowable Height and Area</b> PM Session 3	<b>Application and Administration of the I-Codes</b> PM Session 21	<b>2018 IBC Mixed Occupancies</b> PM Session 37	<b>2018 IRC Construction Concepts</b> PM Session 51	<b>Structural Loads and Load Paths</b> PM Session 67
Track 3: Electrical	<b>What's New for the 2020 NEC?</b> Session 4 FULL DAY	<b>Electrical Safety and NFPA 70E 2021</b> Session 22 FULL DAY	<b>Electrical Exam Preparation for Inspectors, Journeyman and Master's</b> Session 38 FULL DAY	<b>Solar/PV Inspections, What are we missing?</b> AM Session 52	<b>Grounding and Bonding, What is What?</b> Session 68 FULL DAY
				<b>Healthcare Electrical Systems – Hospitals, Clinics and Care Facilities</b> PM Session 53	
Track 4: Building & Fire Safety Protection & Principles	<b>2018 IFC Performing Commercial Fire Inspections</b> Session 5 FULL DAY	<b>2018 IFC Essentials</b> Session 23 FULL DAY	<b>2021 IFC Significant Changes</b> Session 39 FULL DAY	<b>2018 IFC &amp; IBC Hazardous Materials</b> Session 54 FULL DAY	<b>2018 IBC &amp; IFC Fire Protection Systems</b> Session 69 FULL DAY
Track 5: Building Plan Review and Inspections	<b>2018 IBC Use of Fire Sprinklers and Alarms</b> AM Session 6	<b>Commercial Accessibility</b> Session 24 FULL DAY	<b>2018 IEBC Essentials</b> Session 40 FULL DAY	<b>2018 IBC Means of Egress</b> Session 55 FULL DAY	<b>2018 IBC Building Classification</b> Session 70 FULL DAY
	<b>2018 IBC Exit Systems</b> PM Session 7				
Track 6: Building Plan Review & Inspections	<b>IRC Plan Review</b> Session 8 FULL DAY	<b>IRC Inspections</b> Session 25 FULL DAY	<b>IBC Plan Review</b> Session 41 FULL DAY	<b>Commercial Inspections</b> Session 56 FULL DAY	<b>Energy Code Compliance Documentation, Testing and More</b> Session 82 FULL DAY
Track 7: Plumbing & Mechanical	<b>2018/2021 UMC/IMC Code Changes</b> AM Session 9	<b>2018/2021 UMC/IMC Workshop</b> AM Session 27	<b>2018/2021 UPC/IPC, UMC/IMC Combination Inspections</b> Session 42 FULL DAY	<b>Indoor Cannabis Cultivation Facilities</b> Session 57 FULL DAY	<b>Health Risk of Improper Plumbing</b> AM Session 72
	<b>2018/2021 UPC/IPC Code Changes</b> PM Session 10	<b>2018/2021 UPC/IPC Workshop</b> PM Session 26			<b>UPC Grease Interceptors, Emphasis on Hydro-mechanical Interceptors</b> PM Session 73

TRACK	Monday March 1	Tuesday March 2	Wednesday March 3	Thursday March 4	Friday March 5
Track 8: Leadership, Management & Personal Development	Leadership IMPACT – Communications Session 11 FULL DAY	Leadership IMPACT – Team Member AM Session 28	Leadership IMPACT – Self-Mastery Session 43 FULL DAY	Leadership SUCCESS – Decision Making and Ethics AM Session 58	Leadership TRANSFORMATION – Innovation and Change AM Session 74
		Engagement Leadership IMPACT – Coaching PM Session 29		Leadership SUCCESS – Personal Power and Relationships PM Session 59	Leadership TRANSFORMATION – Leading Through Challenging Times PM Session 75
Track 9: Code Enforcement	2018 IPMC Crash Course AM Session 12	Code Compliance Ideas & Challenges for Small Towns AM Session 30	What Is In Your Toolbox? AM Session 44	Legal, Ethical and Moral Code Enforcement AM Session 60	Mental Health First Aide Session 76 FULL DAY
	Communications – Verbal, Written and Physical PM Session 13	Why are we Essential? PM Session 31	Live to See Another Day PM Session 45	Planning, Zoning and Land Use for Code Enforcement PM Session 61	
Track 10: Building Specialties	2018 IBC Fire & Life Safety Principles Session 14 FULL DAY	2018 IBC Exterior Wall and Opening Protection AM Session 32	A117.1-2017 Significant Changes AM Session 46	2018 IBC Apartment Buildings Session 62 FULL DAY	Fire Protection of Commercial Cooking Operations Session 77 FULL DAY
		2018 Types of Construction Classification and Application PM Session 33	2018 IBC Assembly Means of Egress PM Session 47		
Track 11: Current Topics	2021 IBC Update AM Session 15	Building Science Meets the IECC Session 79 FULL DAY	Fire Related Behavior of Materials Session 48 FULL DAY	The Complete Permit Technician SESSION 63 TWO DAYS	
	2021 IRC Update PM Session 16				
Track 12: Certification Test Academy	B3 – Building Plans Examiner Test Academy Session 17 THREE DAYS			Legal Aspects of Code Administration Session 64 FULL DAY	Inspector Skills Session 78 FULL DAY
Track 13: Energy		Building Science Meets the IECC Session 79 FULL DAY	Residential Compliance with the 2021 IECC – Real Life Examples Session 80 FULL DAY	2021 IECC Residential Real-World Applications Session 81 FULL DAY	Energy Code Compliance Documentation, Testing and More Session 82 FULL DAY

**REGISTER ONLINE at [www.iccsafe.org/EduCode](http://www.iccsafe.org/EduCode)**

*Early bird pricing ends February 5, 2021*

*Form also available on page 22 for mail-in registration.*

**A117.1 – 2017 Significant Changes**

SESSION 46



CEU: 0.4

Instructor: Kim Paarlberg

Class Format: Virtual

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

**2018 IBC Assembly Means of Egress**

SESSION 47



CEU: 0.4

Instructor: Kim Paarlberg

Class Format: Virtual

Focusing on Section 2029 of the 2018 IBC, this seminar identifies those provisions specific to assembly buildings and assembly spaces. The hazards associated with large numbers of occupants in concentrated areas are specifically addressed through the special requirements of Section 2029. The seminar also includes a discussion of ICC 300, Standard for Bleachers, Folding and Telescoping Seating, and Grandstands.

**Fire Related Behavior of Materials**

SESSION 48

CEU: 0.8

Instructor: Ed Kaminski

Class Format: Virtual

Understand the origins, nature and application of codes, test standards and research reports. How common building materials are evaluated for fire safety. This course will cover common materials and how their properties are tested and then applied to requirements of the International Building Code and International Fire Code.

**Building Plans Examiner Test Academy – Day 3**

SESSION 17



CEU: 2.4

Instructor: Jerry Flanik

Class Format: Virtual

The 2018 Building Plans Examiner Certification Test Academy features expert instruction and includes interactive review exercises, practice exams and individual and group-based activities to help you get better prepared to take the exam. Throughout the academy you will be given an opportunity to answer questions that reference the exam resources. Main Topics include: General Administration, Building Planning, Footings and Special Foundations, Floor Construction, Wall Construction and Coverings, Roof/Ceiling Construction and Public Safety and Special Construction. The goal of the test academy is to familiarize you with the building plans examiner certification exam content.

**Required Materials: For this academy, you will need the 2018 International Building Code (IBC) and either the ACI 318 OR Concrete Manual (any edition).**

*NOTE: Exam not included but can be purchased separately.*

**Residential Compliance with the 2021 IECC – Real Life Examples**

SESSION 80

CEU: 0.4

Instructor: Les Lazareck

Class Format: Virtual

This day long class will break down the residential provisions of the 2021 IECC to reveal what is new, what is the same, and what is aspirational. The 2021 IECC focused less on changing compliance pathways and more on performance metrics, mandatory and prescriptive measures, and an appendix that offers a potential trail to the future of zero energy homes if a jurisdiction is looking in that direction.

## 2021 IBC Significant Nonstructural Changes

SESSION 49



CEU: 0.8  
 Instructor: Kim Paarlberg  
 Class Format: Virtual

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

## 2018 IRC Inspector Insights

SESSION 50



CEU: 0.4  
 Instructor: Sandra Hyde  
 Class Format: Virtual

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

## 2018 IRC Construction Concepts

SESSION 51



CEU: 0.4  
 Instructor: Sandra Hyde  
 Class Format: Virtual

Mid-career residential plans examiners and inspectors will find this seminar insightful as will designers looking for a review of IRC structural options. With a focus on wood construction, the course addresses component and cladding wind loads and the affects changes to the loads have on wall and roof cladding. Selection of floor, roof and wall members are also considered for a two-story residential structure. This seminar is based on the concepts and provisions of the International Residential Code.

## Solar/PV Inspections, What are we missing?

SESSION 52



CEU: 0.4  
 Instructor: Jon Lee  
 Class Format: Virtual

This seminar is focused on the inspections of Solar/PV systems. This critical system is often misunderstood by inspectors and those new to the industry. Whether you are inspecting via video, virtually or in person this seminar will provide you with key pointers on critical safety guidelines of the National Electrical Code® (NEC®) on the mounting, anchoring, disconnects, signage, grounding and bonding of PV systems. Attendees should bring a 2017 or 2020 NEC.

**Healthcare Electrical Systems – Hospitals, Clinics and Care**

SESSION 53



CEU: 0.4  
 Instructor: Mark Ode  
 Class Format: Virtual

Requirements for electrical installations in health care facilities: hospitals, clinics, dental offices and care facilities are covered in this seminar. This is primarily focused on the equipotential area surrounding patient care areas in hospitals, clinics, dental offices, limited care, and nursing care facilities based on the provisions set forth in the National Electrical Code® (NEC®) (2017-2020). This presentation will establish a thorough understanding of the code requirements contained in NEC Article 517 and the most missed and overlooked items in construction and inspections. Introductory information is provided about the basic requirements and structure of NFPA 99, Standard for Health Care Facilities and how it applies. Attendees should bring a 2017 or 2020 NEC.

**2018 IFC & IBC Hazardous Materials**

SESSION 54



CEU: 0.8  
 Instructor: Terrell Stripling  
 Class Format: Virtual

This seminar addresses requirements for buildings utilizing hazardous materials and requiring coordination between the fire and building codes. It reviews the requirements found in Chapters 50 through 67 of the International Fire Code® (IFC®), as well as Chapter 3, and Sections 414 and 415 of the International Building Code® (IBC®).

**2018 IBC Means of Egress**

SESSION 55



CEU: 0.8  
 Instructor: George Mann  
 Class Format: Virtual

This seminar addresses numerous provisions in the 2018 International Building Code® (IBC®) where the code contains requirements pertaining to establishing a means of egress in buildings. The course is intended to help designers, plan reviewers and building officials responsible for plan review identify those areas where plan review will include compliance with the IBC. During this training, participants will listen to lecture and view examples, as well as discuss sections of the IBC that pertain to means of egress. They will participate in activities that involve a set of plans.

**Commercial Inspections**

SESSION 56



CEU: 0.8  
 Instructor: Gil Rossmiller  
 Class Format: Virtual

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

**Indoor Cannabis Cultivation Facilities**

SESSION 57



CEU: 0.8  
 Instructor: Jeff Hatcher  
 Class Format: Virtual

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

## SESSION DESCRIPTIONS – THURSDAY, MARCH 4

### Leadership SUCCESS – Decision Making and Ethics

SESSION 58



CEU: 0.4  
Instructor: Tim Schneider  
Class Format: Virtual

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 SUCCESS- Personal Power and Relationships

SESSION 59



CEU: 0.4  
Instructor: Tim Schneider  
Class Format: Virtual

Although the word power has certain stigma attached, leaders need power to operate and to lead. This program will provide the skills to manage the types of leadership power and create an effective balance between the five power types for a more successful connection with team member and more sustained organizational results. Relationship power is the most critical of the power types and building networks of influence using relationship techniques will be provided. Additional tools for Leadership Success-Personal Power and Relationships include seeing the big picture or global perspective, appreciation of workplace diversity and creating some charismatic charm for your role as a leader. Because this leadership competency is about the outward you, key skills related to teamwork, empathy and dealing successfully with conflict will also be presented.

### Legal, Ethical and Moral Code Enforcement

SESSION 60



CEU: 0.4  
Instructor: Marcus Kellum  
Class Format: Virtual

Ethics and morals relate to "right" and "wrong" conduct. While they are sometimes used interchangeably, they are different, especially as they relate to code enforcement, building inspection and all other forms of regulatory enforcement. How many code officials are required to enforce rules and regulations that they do not fundamentally agree with? Instead of considering the needs of the resident, interjecting common sense into the matter, taking on a bit of personal risk on behalf of an individual and making a simple accommodation; should you just stick to the code?

### Planning, Zoning and Land Use for Code Enforcement

SESSION 61



CEU: 0.4  
Instructor: Marcus Kellum  
Class Format: Virtual

This presentation was developed to provide code officials with the general processes and procedures that guide the issuance of permits and business licenses within a municipality and familiarize attendees with zoning concepts.

### 2018 IBC Apartment Buildings

SESSION 62



CEU: 0.8  
Instructor: Jay Woodward  
Class Format: Virtual

The design and construction of apartment buildings requires the application of both fundamental and unique IBC requirements. This seminar focuses on those provisions that are commonly encountered in these types of residential buildings. Provisions specific to residential building classification, fire-resistance, fire protection, means of egress and accessibility will be addressed. In addition, detailed provisions discussed will include podium buildings, occupied roofs, incidental uses and dwelling unit separations.

## The Complete Permit Technician – Day 1 SESSION 63

CEU: 1.6

Instructor: Steve Burger

Class Format: Virtual

This 2-day course is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic plan review, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, basic means of egress and dealing with difficult customers. The course is also beneficial for preparing for the Permit Technician Certification Exam.

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

**Recommended Materials:** Basic Code Enforcement

## Legal Aspects of Code Administration SESSION 64



CEU: 0.8

Instructor: Bob Church

Class Format: Virtual

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 applying 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.

## 2021 IECC Residential Real-World Applications SESSION 81

CEU: 0.8

Instructor: Les Lazareck

Class Format: Virtual

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

**2018 IBC Fire and Smoke Protection Features**

SESSION 65



CEU: 0.8  
 Instructor: George Mann  
 Class Format: Virtual

This seminar addresses the critical concepts of the 2018 International Building Code® (IBC®) regarding Chapter 7, Fire and Smoke Protection Features. These concepts provide a basis for the analysis and identification of which components require fire-resistance ratings; where the fire-resistance-rated construction is required in building construction; where smoke-resistant construction is mandated; and the use of fire door assemblies, fire window assemblies, penetration firestopping systems, fire dampers and smoke dampers.

**2021 IBC Significant Structural Changes**

SESSION 66



CEU: 0.4  
 Instructor: Sandra Hyde  
 Class Format: Virtual

This seminar reviews and analyzes selected significant changes from the 2018 to the 2021 edition of the International Building Code (IBC). This presentation examines revisions to the IBC structural provisions, including loads, material requirements, special inspection and deep foundation design. The seminar assists building officials, plans examiners, inspectors and engineers in identifying specific code changes and understanding the reasoning behind the changes. The program is based on the ICC publication Significant Changes to the International Building Code, 2021 Edition.

**Structural Loads and Load Paths**

SESSION 67



CEU: 0.4  
 Instructor: Sandra Hyde  
 Class Format: Virtual

Mid-career residential and commercial inspectors and plan examiners will find this seminar useful as well as architects and engineers looking for a review of structural loads and their load paths. With a focus on connections, the course considers moment frame, braced frame and shear wall load paths in selecting a particular structural frame for a single story, low-rise or mid-rise building.

**Grounding and Bonding – What is What?**

SESSION 68



CEU: 0.8  
 Instructor: Mark Ode  
 Class Format: Virtual

This seminar is a must for anyone looking to broaden their understanding of where we ground and where we bond and the effects on the electrical system. We will start with the fundamentals and practice of grounding and bonding in easily understood language. We will look at the tables, references and practices for each. Attendees should bring a 2017 or 2020 NEC.

**2018 IBC & IFC Fire Protection Systems**

SESSION 69



CEU: 0.8  
 Instructor: Terrell Stripling  
 Class Format: Virtual

This seminar is designed to guide participants through the 2018 IBC and IFC requirements related to fire protection systems (Chapter 9). These requirements include suppression systems, standpipe systems, automatic fire alarm systems, automatic detection systems and additional fire protection assemblies. Because the 2018 IFC and Chapter 9 of the 2018 IBC have such broad scopes, the focus of this seminar is to review design, construction, inspection and testing requirements for fire sprinkler systems, fire-extinguishing systems, standpipe systems, fire alarm and detection systems, smoke control systems and smoke removal systems.

## 2018 IBC Building Classification

SESSION 70



CEU: 0.8  
Instructor: Roger Axel  
Class Format: Virtual

This seminar addresses the key issues of the 2018 International Building Code® (IBC®) regarding the proper classification of buildings. The process for correctly evaluating a building for code compliance relies on a systematic approach to the determination of occupancy classification and construction type. Everything starts with the correct building classification! A clear understanding of the classification process provides the groundwork for the proper application of many other important code provisions.

## Health Risk of Improper Plumbing

SESSION 72



CEU: 0.8  
Instructor: Jeff Hatcher  
Class Format: Virtual

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

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

SESSION 73



CEU: 0.8  
Instructor: Jeff Hatcher  
Class Format: Virtual

This class will focus more on Hydro-mechanical Grease Interceptor installation and sizing per Section 1014, 2018/2021 UPC. This is a great class for Contractors, Engineers, Plans Examiners and Inspectors who will install, design, review and inspect hydro-mechanical grease interceptors.

## Leadership TRANSFORMATION – Innovation and Change

SESSION 74



CEU: 0.4  
Instructor: Tim Schneider  
Class Format: Virtual

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

## Leadership TRANSFORMATION – Leading Through Challenging Times

SESSION 75



CEU: 0.4  
Instructor: Tim Schneider  
Class Format: Virtual

Great leadership is forged in difficult times. Leaders need to make some pivots and changes to ensure their team moves through difficult times successfully and is prepared to move forward after the difficulty ends. The keys to working through, and not getting stuck in, difficult and challenging times is to communicate frequently, rally the team and connect downward in the organizational structure. Leaders also discover during challenging periods to rely on their resilience and confidence to pull their organizations through tough times. The discovery of flexibility, new technologies and improved processes also help the successful leader.

**Mental Health First Aide**

SESSION 76



CEU: 0.8  
 Instructor: Lori Floyd  
 Class Format: Virtual

The course information is most relevant in situations where it becomes apparent to others that persons in their social network are developing serious mental health issues. However, this course may also provide useful information on how to assist a person who has a history of a mental disorder or longer-term health issues.

**Fire Protection of Commercial Cooking Operations**

SESSION 77

CEU: 0.8  
 Instructor: Ed Kaminski  
 Class Format: Virtual

This is a comprehensive seminar in the hazards associated with commercial cooking and code compliance. Fuels used for cooking, the mechanisms of extinguishment, extinguishing systems, ventilation and applications are covered. Applications include the various appliances, self-contained units, high-production cooking and mobile food preparation vehicles. Attendees will be able to conduct plan reviews and apply the 2018 IFC, the Standard for Wet Chemical Extinguishing Systems NFPA 17A, the Standard for Hand Portable Extinguishers NFPA 10, Standard for Ventilation Control and Fire Protection NFPA 96 and the 2018 IMC. Commissioning and routine inspection methods also examined.

**The Complete Permit Technician – Day 2**

SESSION 63

CEU: 1.6  
 Instructor: Steve Burger  
 Class Format: Virtual

This 2-day course is intended to provide essential information in the areas of code administration and history, legal aspects, customer service, basic plan review, inspection process, zoning requirements, permit fee calculations, basic occupancy and construction types, basic means of egress and dealing with difficult customers. The course is also beneficial for preparing for the Permit Technician Certification Exam.

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

**Recommended Materials:** Basic Code Enforcement

*Morning sessions start at 7:30 a.m. PT | Afternoon sessions start at 1:00 p.m. PT*

**Inspector Skills**

SESSION 78



CEU: 0.8  
 Instructor: Tim Ryan  
 Class Format: Virtual

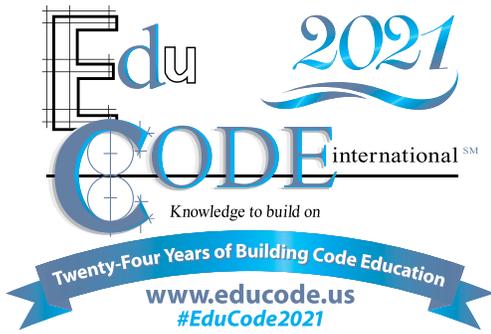
This seminar addresses the necessary soft skills for success as an inspector—those non-technical traits and behaviors that enhance an inspector's ability to interact with others and to successfully carry out their job duties. These include people skills such as effective communication, diplomacy and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

**Energy Code Compliance Documentation, Testing and More**

SESSION 82

CEU: 0.8  
 Instructor: Les Lazareck  
 Class Format: Virtual

In this class we will briefly discuss how embedded building science is in the code and then quickly move on to understanding how to read residential IECC compliance reports that are generated from different software. We will discuss the difference between the RESNET HERS ERI vs IECC ERI scores and how blower door and duct leakage testing is performed and what the IECC requires. Lastly, we will cover indoor air quality and other health and safety issues that are entwined within the IECC.



Please use this form if you are submitting your registration by Mail and paying by check, purchase order or are an ICC Member who wants to be billed. To pay by credit card, purchase order or to be billed, Register online at [www.iccsafe.org/educode](http://www.iccsafe.org/educode).

ICC Membership Number:				<p><b>VIRTUAL REGISTRATION</b></p> <ul style="list-style-type: none"> <li>• \$90 – Per Day</li> <li>• \$360 – Full Five-Day Week</li> </ul> <p><b>MAIL TO:</b> EduCODE Registrar, International Code Council Central Regional Office 4051 Flossmoor Road Country Club Hills, Illinois 60478</p> <p><b>CONTACT THE CODE COUNCIL AT:</b> 1-888-422-7233, ext. 4333 or <a href="mailto:jfranklin@iccsafe.org">jfranklin@iccsafe.org</a></p>
First Name:		Middle Initial		
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E-Mail:				
Day Telephone:		Extension		
Home Telephone:		Fax Number		

### SEMINAR REGISTRATION

#### LIST SEMINAR SESSION NUMBER

	Monday	Tuesday	Wednesday	Thursday	Friday
AM or All Day					
PM					

#### TOTAL REGISTRATION FEES

I am attending VIRTUALLY	\$360 – all 5 days	\$90 per day	
<b>PAYMENT OPTIONS</b> (Bill Me or Check)			<b>TOTAL</b>
Bill Me (Code Council Members only) Member #:	Payment Enclosed (Checks payable to: International Code Council)		

## REGISTRATION INFORMATION

Registration fees include: instruction, reference materials or books (when applicable and unless otherwise noted). Codes and other reference books are NOT provided and are the responsibility of the student. For your convenience, code books and other reference materials may be purchased from the International Code Council (ICC). 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 log in information before the seminar.

## REGISTRATION COSTS

### VIRTUAL REGISTRATION

\$360 – Full Five-Day Week per Registrant

\$90 – Per Day or Session

## REGISTRATION METHODS

### 1. REGISTER ONLINE

The Code Council's secure website:

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

Follow the easy online directions.

### 2. REGISTER BY MAIL

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

EduCODE Registrar

International Code Council

Central Regional Office

4051 Flossmoor Road

Country Club Hills, Illinois 60478

### 3. EduCODE HELP LINE

Contact the Code Council at 1-888-422-7233, ext. 4333 or [jfranklin@iccsafe.org](mailto:jfranklin@iccsafe.org)

## CONFIRMATION

Registration confirmation will be sent by EduCODE prior to the seminar.

## CANCELLATION POLICY

If you need to cancel, EduCODE must receive notification in writing by February 5, 2021 to receive a full refund. All refund requests after this date will be credited toward a future EduCODE conference attendance only.

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 it's 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 session, a request for substitution may be made by contacting ICC at 1-888-422-7233, ext. 4333. *Please note that each registration may only be substituted with one person.*

## CONTINUING EDUCATION INFORMATION

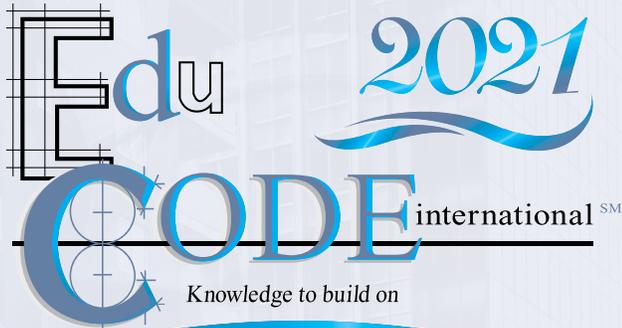
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**PREFERRED EDUCATION PROVIDER**

**Program** for CEUs toward

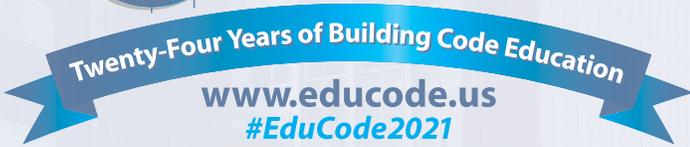
maintenance of your ICC certifications. Please check the website for updated AIA approvals at [www.iccsafe.org/educode](http://www.iccsafe.org/educode). Check with your local licensing board for additional CEU requirements.



# EduCODE International Conference & EXPO 2021

[www.iccsafe.org/EduCode](http://www.iccsafe.org/EduCode)

1-888-ICC-SAFE (422-7233), ext. 4333



## REGISTRATION CHECKLIST

Contact the International Code Council at 1-888-422-7233, extension 4333 or online at [www.iccsafe.org/EduCode](http://www.iccsafe.org/EduCode)

- Best Value \$\$ – Full week Registration

### ▶ Pre-Registered?

- Virtual: A link will be emailed prior to the seminar with login instructions

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

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

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

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

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



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



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