ICC INTERNATIONAL CODE COUNCIL®



ICC Region III Upper Great Plains

Educational Institute

February 8 - 12, 2027

www.iccsafe.org/RegionIII | 1.888.ICC.SAFE (422.7233), ext. 4

Welcome to the 23rd Annual ICC Upper Great Plains Region III Educational Institute

Welcome!

The Association of Minnesota Building Officials (AMBO), International Code Council (ICC), and Region III Chapter of ICC are proud to collaborate on the 23rd annual Upper Great Plains Educational Institute. This week-long event focuses on the construction-inspection industry.

A Week of Diverse, Engaging Programs

The Institute features over 35 sessions of construction related topics taught by industry experts. Select sessions (V) will be offered virtually. Eight education tracks offer courses designed for individuals involved in building code administration, building inspections, and related regulatory and/or design positions, as well as contractors, builders, and students. Outside of the classroom, the Institute provides opportunities to network with other building officials, building inspectors, permit technicians, fire inspectors, mechanical and plumbing inspectors, housing inspectors, design professionals, contractors, students in construction-related programs, and other attendees.

Sessions for All Continuing Education Needs

All sessions offered at the Institute are approved by ICC and the Minnesota Department of Labor and Industry for continuing education units (CEUs). ICC also approved select courses for CEUs through the American Institute of Architects. Check session descriptions to learn which sessions are ICC-specific and eligible for AIA submission. NOTE: MN DLI CEU approvals are currently pending.

A Venue to Remember

The Minneapolis Marriott Northwest offers modern, well-appointed hotel suites and convenient classroom space all under one roof. Located just 30 minutes from the Minneapolis-Saint Paul International Airport, the hotel is close to shopping and dining and includes complimentary onsite parking. Registered Institute attendees also enjoy continental breakfast prior to session starts, light morning and afternoon breaks, and buffet lunch.

Hotel Information

Minneapolis Marriott Northwest
7025 Northland Drive North
Minneapolis, Minnesota 55428
763.536.8300
Visit the website



Minneapolis Marriott Northwest

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Marriott Guestroom Reservations and AMBO Group Rate

All guest rooms are two-room suites. AMBO group-rate reservations are available through **January 19, 2027**. The AMBO Group Rate is $149 per day plus applicable taxes. Room block is available from Sunday, February 7, 2027 through Friday, February 12, 2027.

- Reserve your room on-line (Preferred):
- Or, call the reservation line, 1.877.303.1681, and request **AMBO Conference** group rate.

Registration Information

Registration is Online Only: Register at www.iccsafe.org/RegionIII.

IMPORTANT! **Registration Closes:** Monday, February 2, 2027, the week prior to the event.

Walk-In Registration: Walk-in registration (as classroom space allows) opens on-site Monday, February 9, 2027, at 7 am..

Daily Registration Rates:

- *The on-site registration includes continental breakfast, breaks, and lunch.*

  Daily Rate: $250 each day for one, two or three days.

  Multi-Day Discount: $200 for each day for four or five days.

  Early-Bird Rate: $215 per day ***if registered by Monday, January 11, 2027***.

  Walk-In Rate: $265 per day. *Popular sessions may fill and may close early.*

Cancellation/Refund Policy and Point-of-Contact for Questions: Submit cancellation and refund requests by email to learn@iccsafe.org. For registration questions, email learn@iccsafe.org or call ICC at 888.422.7233, ext 4.

Chapter President's Special: ICC Chapter Presidents may take advantage of a complimentary day of attendance at the Institute. Contact Dennis Schilling, AMBO Chair, at dschilling@wspmn.gov.

Scholarships: Six 1-day scholarships for interns or Minnesota BIT program participants are available. Contact Jerry Backlund, AMBO Education Committee Chair, at jbacklund@hastingsmn.gov for more details.

Special Events

AMBO General Membership Meeting
The AMBO General Membership Meeting will be held after class on Monday. All are welcome! Location to be announced.

Trade Show
Tuesday and Wednesday are "Trade Show Days". Visit participating vendors of various products and services that affect the building industry.

ICC Resource Center
The ICC Resource Center will be on-site Wednesday and Thursday with relevant code books as well as ICC merchandise. Check it out!

ICC Region III Chapter Meeting
The Region III Chapter of ICC will hold its annual membership meeting on Wednesday during lunch. Location to be announced.

AMBO Board Meeting
The AMBO Board of Directors will hold an onsite Board Meeting. Time and location to be determined.

We are excited to welcome new attendees and reconnect with returning participants at this unique, networking and training event!

How to Register

In-Person Classes (all classes)

Check out the **Green Matrix** for the In-Person classes offered at the Minneapolis Marriott Northwest Hotel.

Virtual Classes (select few)

Can't travel? Join us virtually! Check out the virtual offerings in the matrix with a **Yellow Bar** and noted with a **V**.

How Do I Register **Myself**?

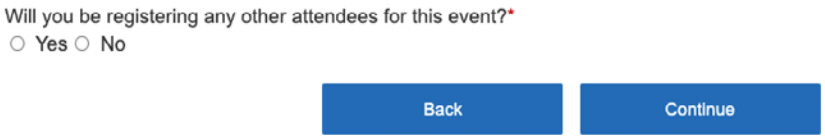
If you are registering yourself and you will be the one attending classes at Region III Education Event, go to iccsafe.org/RegionIII and click on **Individual Registration.** You will see the registration page as shown below. Click on New Registration and follow the prompts to complete your individual registration.



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

There are two options for group registrations 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:
   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 Enrollment** and completing the online form on iccsafe.org/RegionIII. 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.

TRACK 1 – CODE COMPLIANCE AND PROFESSIONAL DEVELOPMENT

MONDAY 2/8/2027

Legal Aspects of Code Administration **Session 711**

This seminar 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.

Instructor: Linda Pieczynski, *International Code Council*

TUESDAY 2/9/2027

AM: Code Enforcement Improving Leadership: Lead, Laugh, and Level Up **Session 712**

Leadership doesn't have to be stiff—especially in the ever-unpredictable world of code enforcement. This fun, high-energy course blends real-world leadership insight with the power of improv to sharpen communication, build confidence, and boost team morale. Through laughter, role-play, and on-your-feet thinking, participants will learn how to lead with flexibility, handle tough situations with grace, and inspire others through authentic, responsive leadership. Get ready to think fast, lead smart, and maybe even have a little fun along the way!

Instructor: Doug Leeper, *WillDan*

PM: Code Enforcement Process Mapping and Continuous Mapping

Too often in code enforcement, inefficiencies go unchallenged simply because "that's how we've always done it." This course introduces practical tools and strategies for mapping out enforcement processes to identify gaps, redundancies, and delays that hinder timely compliance. Participants will learn how to streamline procedures, and implement continuous improvement practices that lead to more accountable and efficient code enforcement operations.

Instructor: Doug Leeper, *WillDan*

WEDNESDAY 2/10/2027

AM: Sustainable Operations for Long Term Code Enforcement **Session 713**

Clear, well-crafted policies and procedures are essential for consistent, effective, and accountable code enforcement. This course guides agency leaders and supervisors through the process of developing practical P&P manuals that empower staff, standardize workflows, and support defensible case management. Participants will learn how to draft policies that align with legal requirements, promote organizational efficiency, and provide clear guidance, ensuring cases move forward with consistency and confidence.

Instructor: Doug Leeper, *WillDan*

PM: Emotional Intelligence for Code Officials: Regulating with Calm, Clarity & Confidence

Emotional intelligence allows the participants to identify and manage one's own emotions, as well as the emotions of others. This will impact officers' ability to manage difficult situations.

Instructor: Marcus Kellum, *Metric One Training and Consulting*

THURSDAY 2/11/2027

AM: The Intangibles of Regulatory Enforcement **Session 714**

This course designates the skill sets that contribute to the development of an exceptional inspector. This scenario-based training will define the strategies to enhance the inspector's skills and implement strategies to assist the inspector's efficiency and effectiveness.

Instructor: Marcus Kellum *Metric One Training & Consulting*

PM: Community Mediation Skills for Regulatory Professionals

This course designates the skill sets that contribute to the development of an exceptional inspector. This scenario based training will define the strategies to enhance the inspector's skills and implement strategies to assist the inspector's efficiency and effectiveness.

Instructor: Marcus Kellum, *Metric One Training and Consulting*

Track 1 continued on next page

All classes are on-site with a select few that are also Virtual – V.

TRACK 1 – CODE COMPLIANCE AND PROFESSIONAL DEVELOPMENT

FRIDAY 2/12/2027

AM: Housing Inspections 101 **Session 715**

Level up your housing inspection skills through a practical review of the why, what, and how of conducting safe and thorough rental housing inspections. Participants will learn inspection best practices, how to apply the International Property Maintenance Code, identify potential safety hazards, and verify that minimum property maintenance standards are met.

Instructor: Greg Smith, *WillDan*

PM: Solving the Puzzle

Hoarding disorder is a complex issue that affects individuals, families, neighbors, and entire communities. This course helps participants understand what hoarding disorder is, how it develops, and the challenges it creates for property owners and enforcement professionals. Participants will learn to identify symptoms and causes, recognize safety hazards, approach cases with knowledge and sensitivity, and use practical tools for inspections, documentation, and balancing compassion with enforcement responsibilities.

Instructor: Greg Smith, *WillDan*

SAVE THE DATE!

2028

ICC Region III Upper Great Plains Educational Institute

February 14 - 18, 2028



TRACK 2 – BUILDING: UNDERSTANDING THE BASICS

MONDAY 2/8/2027

When Disaster Strikes - Evaluator Training **Session 721**

All too often after a disaster, an affected community is left on its own to struggle with conducting and completing its Post-disaster Building Safety Evaluations. When Post-disaster Building Safety Evaluations are not conducted quickly and consistently, a community's residents will reoccupy potentially unsafe structures.

This training session is one of few recognized by FEMA and is identified within the NIMS Post-Disaster Building Safety Evaluator typing document as required training.

This training session begins by reviewing the various phases of a disaster, emergency management basics, and the post-disaster roles and responsibilities typically assigned to code officials in the wake of disasters. This training then discusses the importance of performing Post-disaster Building Safety Evaluations rapidly and consistently.

This training session discusses when and how to perform building safety evaluations along with training and credentialing requirements. This training then provides information related to operational environments and disaster related hazards along with instruction, training and practice examples on performing building safety evaluations.

Instructor: Bill Bracken, *International Code Council*

TUESDAY 2/9/2027

2024 IBC Significant Changes (V) **Session 722**

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.

Instructor: Doug Thornburg, *International Code Council*

WEDNESDAY 2/10/2027

Over the Counter Plan Review (V) **Session 723**

Designed primarily for the building department employee who has an interest in learning more about the plan review aspects of working the front counter. The course is intended to provide essential information that will assist with over the counter plan review as it relates to such items as patio covers, room additions, decks, garages, hot tubs and other items.

Instructor: *Shums Coda Associates*

THURSDAY 2/11/2027

2024 IBC Interior Finishes and 2024 IBC Updates **Session 724**

This seminar addresses the performance requirements for controlling fire growth within buildings by restricting interior finish and decorative materials. Chapter 8 of the 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. Significant changes to the 2024 IBC will be discussed.

Instructor: Doug Thornburg, *International Code Council*

FRIDAY 2/12/2027

2024 IBC Means of Egress (V) **Session 725**

This seminar addresses numerous provisions in Chapter 10 of the 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.

Instructor: *International Code Council*

All classes are on-site with a select few that are also Virtual – (V).

TRACK 3 – BUILDING: GENERAL TOPICS

MONDAY 2/8/2027

2024 IEBC Performance Compliance and 2024 IEBC Work Area Methods **Session 731**

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. The critical concepts of the 2024 International Existing Building Code Work Area Method are discussed. The session will provide a basis for the correct use and application of the method, building an understanding of the intent of the code through code language, basic tables, examples.

Instructor: Rob Emard, *International Code Council*

TUESDAY 2/9/2027

Understanding Residential Wood Wall Bracing 2024 IRC **Session 732**

This session provides An overview of wood wall bracing methods and the various connecting components. This course is applicable to all aspects of the design, construction, connectors, anchoring of braced wall panels and hold down requirements for all who are interested, including contractors and design professionals.

Instructor: Russell Thornburg, *Thornburg Code Services*

WEDNESDAY 2/10/2027

The Low Down on Spray Foam Including Thermal and Ignition Barriers **Session 733**

This course is designed to review the old & new standards that are found in the IRC, specifically addressing when and which barriers are required for open basements, crawl spaces and attics. This course will review barriers requirements when comparing habitable and non-habitable spaces, storage and interconnection space. Some evaluation reports will be reviewed for clarification, along with third party testing in meeting code compliance. This class will be of interest to contractors, building inspectors, plan reviewers, building officials, architects and design professionals.

Instructor: Russell Thornburg, *Thornburg Code Services*

THURSDAY 2/11/2027

Ethics & Improving the Efficiency of your Inspections and Developing Communication Skills **Session 734**

This session discusses refining decision making. It appears many believe that people should know automatically the right thing to do and act out of that knowledge. This assumption virtually knocks the air out the assertion which says every person should not only be about the business of learning what is right but also acting upon what he or she knows is right.

"Do what's right, when you ought to do it, how you ought to do it and do it that way all the time."

Instructor: Russell Thornburg, *Thornburg Code Services*

FRIDAY 2/12/2027

2024 IRC Decks – What's New **Session 735**

Since the 2015 IRC, Section R507 for decks has been growing and changing. In the 2024 edition, a nearly complete package of perspective structural design codes are provided. This class will cover the new and changed codes in the 2024 IRC for deck construction, and some significant ones from the 2021 edition. The instructor of this class has been a large contributor to the creation of all the deck codes since 2015 and writes ICC's deck code and construction book.

Instructor: Glenn Matthewson, *BuildingCodeCollege.com*

All classes are on-site with a select few that are also Virtual – V.

TRACK 4 – BUILDING: ESSENTIALS TO KNOW

MONDAY 2/8/2027

2024 IRC Essentials **Session 741**

This seminar examines basic concepts of the 2024 International Residential Code. 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.

Instructor: Sandra Hyde, *International Code Council*

TUESDAY 2/9/2027

AM: 2024 IBC Types of Construction **Session 742**

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 based on IBC Chapter 6 will address the identification of the construction materials and fire-resistance-rated features associated with the varied individual construction types. The permissible use of combustible materials in Type I and II noncombustible buildings will also be addressed.

Instructor: Rob Emard, *International Code Council*

PM: 2024 IBC Apartment Buildings Accessibility

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 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.

Instructor: Rob Emard, *International Code Council*

WEDNESDAY 2/10/2027

2024 IRC Transition from the 2018 IRC **Session 743**

This seminar reviews and analyzes selected significant changes from the 2018 IRC to the 2024 IRC. It familiarizes building officials, fire officials, plans examiners, inspectors and design professionals with many of the significant changes in the 2024 and 2021 IRC. It assists code users in identifying the specific code changes that have occurred, and more importantly, understanding the reason behind the change. Finally, it 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 the International Residential Code, 2024 and 2021 Editions as its basis.

Instructor: Sandra Hyde, *International Code Council*

THURSDAY 2/11/2027

Building Codes for Basement Finishes **Session 744**

Finishing a basement requires nearly all the trades and construction required for a new house, short of foundations and roofs. However, many applications are unique when transforming the former guts below a home into finished living space. Building, plumbing, mechanical and fuel gas codes involved with these projects will be reviewed in detail.

Instructor: Glenn Mathewson, *BuilingCodeCollege.com*

FRIDAY 2/12/2027

2024 IBC Significant Structural Changes & ASCE7-22 **Session 745**

This seminar reviews and analyzes selected significant structural changes from the 2021 to the 2024 edition of the International Building Code (IBC). The program identifies the specific code changes that have occurred along with the reasoning behind the changes. Topics include changes to provisions for walls (Chapter 14), 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 discussed include rain, snow, ice, wind, tornado, earthquake, tsunami and flood.

Instructor: Buddy Showalter, *International Code Council*

All classes are on-site with a select few that are also Virtual – V.

TRACK 5 – BUILDING: SPECIFIC CONCERNS

MONDAY 2/8/2027

Applying the Codes to A, B & M Occupancies (V) **Session 751**

This session identifies model IBC and IEBC provisions applicable to the design and contruction of A. B. and M occupancies by emphasizing options available in the code for gaining compliance. Discussion includes occupancy separations and fire areas, types of construction features, fire-resistance-rated construction, interior finish materials, fire protection features, means of egress components and the impacts of future tenant space improvements.

Instructor: Josh Harmon, *Shums Coda Associates*

TUESDAY 2/9/2027

Multi-Family Construction in the 2024 IBC **Session 752**

This seminar provides an overview of the requirements for multi-family dwellings in the International Building Code. This seminar discusses the design, construction and inspection of Group R-1 occupancies including, building planning, construction types, fire-resistive rated construction, fire protection requirements and means of egress requirements.

Instructor: Josh Harmon, *Shums Coda Associates*

WEDNESDAY 2/10/2027

Commercial Building Inspections - Day 1 **Session 753**

Day 1 of the two day course highlights key provisions of the 2024 International Building Code® (IBC®) and provides practice in applying key requirements. It reinforces learning by supplying immediate feedback or clarification. It walks participants through the content outline of the code book, and describes key sections. Participants will be able to understand and apply key code requirements that will enhance knowledge and build confidence while performing commercial building inspections according to the 2024 IBC. This session will assist learners with how to navigate, apply, and explain various sections of the 2024 International Building Code® (IBC®) and referenced standards related to inspections of commercial buildings.

Instructor: George Ried, *International Code Council*

THURSDAY 2/11/2027

Commercial Building Inspections - Day 2 **Session 754**

Day two of this class will build on day one and will focus on the how to of commercial building inspections.

Instructor: George Ried, *International Code Council*

FRIDAY 2/12/2027

AM: 2024 IBC Occupancy Classification **Session 755**

The initial determination for buildings regulated under the 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.

Instructor: Doug Thornburg, *International Code Council*

PM: 2024 IBC Allowable Heights & Areas

Based primarily 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 Tables 504.3, 504.4 and 506.2, and all related permitted increases. Detailed provisions related to mezzanines, unlimited area buildings and horizontal building separations are also addressed. Specific topics include: Concept of limiting a building's height and area due to occupancy and construction type, Building's actual height in feet and stories above grade plane, Building's actual floor area, Buildings on the same lot, Mezzanine definition, benefits, area limitations and permissible openness, Building height limits based on Tables 504.3 and 504.4, Height limits of roof structures, Building area limits based on Table 506.2, Allowable area increases due to open frontage, Allowable area increases for multi-story buildings, Unlimited area building provisions, Concept of mixed-occupancy provisions and Horizontal building separations.

Instructor: Doug Thornburg, *International Code Council*

All classes are on-site with a select few that are also Virtual – (V).

TRACK 6 – MULTI-DISCIPLINARY: BUILDING AND FIRE

MONDAY 2/8/2027

Fire Sprinkler Plan Review - Day 1 **Session 761**

Day 1 of this two-day course provides attendees with vital information on how to conduct the plan review process for water-based fire protection systems. Utilizing the requirements of NFPA 13, the participants will be guided through an actual review of sprinkler system plans and calculations. They will discuss the importance of employing a systematic review process and identify the documents required for a complete plan review. Finally, participants will review and discuss a submittal of the hydraulic calculations presented with the plans. Discussion points include the process of hydraulic calculations, and identification of the key pieces of information, and the common errors that are made.

Instructor: Jon Nisja, *NFSA*

TUESDAY 2/9/2027

Fire Sprinkler Plan Review - Day 2 **Session 762**

Day two of this class will build on day one and will focus on system hydraulics and calculations.

Instructor: Jon Nisja, *NFSA*

WEDNESDAY 2/10/2027

NFSA High-Piled Storage Plan Review **Session 763**

This course will provide attendees with the fundamental fire code requirements for authorities having jurisdiction for the application to facilities utilizing high-piled storage. The course will primarily cover the IFC Chapter 32 and outline what AHJs should consider when reviewing new construction drawings for these types of occupancies. Additional criteria to be covered will include how high-piled storage is defined and the IFC Chapter 32 applies, reviewing the different types of commodity classifications, the code official's role in determining the commodity classification, fire protection requirements based on the size of the high-piled storage area, along the sprinkler design criteria based on NFPA 13.

Instructor: Chase Browning, *NFSA*

THURSDAY 2/11/2027

NFPA 13 Updates the 2019 and 2022 Editions **Session 764**

Explore the significant changes in the 2019 and 2022 editions of NFPA standards for the design and installation of automatic sprinkler systems. The seminar identifies the new requirements, discusses the reason supporting them, the issues behind them, as well as their potential impact to code officials, contractors, and owners.

Instructor: Chase Browning, *NFSA*

FRIDAY 2/12/2027

Integrating Fire Sprinklers and Fire Alarm Systems Using the IBC/IFC **Session 765**

Fire protection systems don't operate in isolation—so why are they so often designed and reviewed that way? This course bridges the gap between fire sprinkler and fire alarm systems, showing how proper integration is essential for life safety and achieving code compliance. This session will dive into the real-world application of IFC/IBC Sections 903 and 907, and explore how the IBC, IFC, NFPA 13, and NFPA 72 intersect to ensure systems function together seamlessly during a fire event. Through practical examples and common pitfalls, you'll learn how to evaluate designs, identify coordination issues, and verify proper system performance from plan review through final inspection. Whether you're reviewing plans, inspecting installations, or involved in system design, this session will sharpen your ability to ensure these systems don't just meet code—but work together when it matters most.

Instructor: John Swanson, *International Code Council*

All classes are on-site with a select few that are also Virtual – V.

TRACK 7 – MULTI-DISCIPLINARY: BUILDING AND PLUMBING

MONDAY 2/8/2027

Commercial Mechanical and Related Energy Updates **Session 771**

This seminar will focus on the Minnesota updates to Minnesota Mechanical and Energy Codes that are proposed for adoption in the near future, including submittal documents, Code Changes and how to inspect to the new provisions of the Codes. The instructors John Smith, Steve Shold and Chris Rosival will provide valuable updates for the attendees on these codes and how they work together to create an efficient and safe building, and building systems including submittal documents and what is required.

Instructor: John Smith, Steve Shold and Chris Rosival, *MN Department of Labor and Industry*

TUESDAY 2/9/2027

2024 IRC Essentials: Emphasis on Mechanical, Fuel Gas, Plumbing (Combination Inspector Focus) **Session 772**

This seminar examines basic concepts of ther 2024 International Residential Code (IRC) beyond the building provisions. This seminar is designed to assist the combination inspectors that must understand mechanical, fuel gas, plumbing and electrical (MEP) installations in buildings regulated by the IRC. 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.

Instructor: Roger Axel, *International Code Council*

WEDNESDAY 2/10/2027

2024 IMC Essentials **Session 773**

This seminar covers the concepts of the mechanical code. It familiarizes building officials, plans examiners, inspectors and design professionals with the structure of the International Mechanical Code. It assists code users in identifying the specific code concepts and how to better interpret the code. Finally, it focuses on those code concepts that will most impact the code professional on their jobs.

Instructor: Lisa Reiheld, *International Code Council*

THURSDAY 2/11/2027

Common Code Issues v 3.0 V **Session 774**

Jerry Noman and James Coyle are back again with their third addition of their very popular and well-received Common Code Issues presentation. Look forward to discussion as they review today's code and how to deal with existing conditions.

Instructor: Jerry Norman & James Coyle, *City of Rochester*

All classes are on-site with a select few that are also Virtual – V.

TRACK 8 – MINNESOTA FOCUS

MONDAY 2/8/2027

DLI Update & Accessibility (V) **Session 781**

This seminar will focus on the Department of Labor and Industry State updates, by State Building Official Mr. Greg Metz for the first hour and a half, and will continue with the newly proposed updates to the State Accessibility Codes (MN Rules Chapter 1341) by DLI's Accessibility Specialist Ms. Karen Gridley, for the remainder of the day.

Instructors: Greg Metz & Karen Gridley,
MN Department of Labor and Industry

TUESDAY 2/9/2027

St. Paul Code Corrections & RR Permit Fees **Session 782**

AM: Making Defensible Code Decisions

Every code decision should be supported by sound reasoning, proper documentation, and the code itself. This interactive course explores how building officials and inspectors can make consistent, defensible code decisions, communicate those decisions effectively, and confidently handle questions, disagreements, and appeals while maintaining professionalism and public trust.

Instructor: Marcia Holliday, *Code Foundations MN*

PM: Permit Fees

Permit fees can be confusing for applicants, contractors, staff, and decision makers. This practical session explains how and why fee structures are developed, what permit fees pay for, and why methods may differ among jurisdictions. Participants will examine Minnesota's legal and financial framework; fee-for-service principles; valuation-based and fixed fees; plan review; fee multiplier tables, building valuation data tables; contentious fees; annual reporting; and responsible fee schedules. Real-world questions will help explain fee calculations, project valuation, and the purpose behind the charge with greater clarity and consistency.

Instructors: Andy Schreder & Carri Levitski, *Rum River Consultants*

WEDNESDAY 2/10/2027

2026 IRC MN Version **Session 783**

This seminar will be for code officials, inspectors, permit technicians and contractors, to learn about the changes to the Residential Building Code that will now include the original chapters 2-10 of the 2024 International Residential Code, the new Chapters 11 on energy codes and 12-24 on mechanical an fuels gas code provisions specific to residential buildings, for things such as HVAC systems , Ventilation, Combustion, Make-up and other air requirements for the residential buildings out of the 2024 IRC as amended by the State of Minnesota as well.

Instructor: Chris Rosival & Jesse Szykulski,
MN Department of Labor and Industry

THURSDAY 2/11/2027

Applying the Codes to Cannabis Facilities (V) **Session 784**

This seminar examines the history and development of model ICC codes as applied to cannabis facilities, as well as discussion of the various related uses, hazards involved, and identification of H, F-1,M and B occupancies within these facilities. This session specifically discusses Minnesota's state-adopted construction codes and standards and best practices for applying these in real-world projects.

Instructor: Joshua Harmon, *Shums Coda Associates*

FRIDAY 2/12/2027

Minnesota Electrical Code Updates **Session 785**

This seminar will focus on the updates to the Minnesota Electrical Code and will be a great source of information for electrical inspectors, electricians and others in the electrical industry. Your instructors are from the State Building Code division electrical unit, and are active in changes to the Electrical Codes, both here in Minnesota and the National Electrical Code as well.

Instructor: *MN Department of Labor and Industry*

All classes are on-site with a select few that are also Virtual – (V).

ICC UPPER GREAT PLAINS REGION III EDUCATIONAL INSTITUTE | **FEBRUARY 2027**

TRACK	Monday Feb. 8	Tuesday Feb. 9	Wednesday Feb. 10	Thursday Feb. 11	Friday Feb. 12
Track 1 Compliance & Professional Development	SESSION 711 **Legal Aspects of Code Administration**	SESSION 712 **AM: Code Enforcement Improving Leadership: Lead, Laugh, and Level Up** **PM: Code Enforcement Process Mapping and Continuous Mapping**	SESSION 713 **Sustainable Operations/ Emotional Intelligence for Code Officials**	SESSION 714 **The Intangibles of Regulatory Enforcement & Community Mediation Skills**	SESSION 715 **Housing Inspections 101; Solving the Puzzle**
Track 2 Building: Understanding Basics	SESSION 721 **When Disaster Strikes - Evaluator Training**	ALSO VIRTUAL SESSION 722 **2024 IBC Significant Changes**	ALSO VIRTUAL SESSION 723 **Over the Counter Plan Review**	SESSION 724 **2024 IBC Interior Finishes and 2024 IBC Updates**	ALSO VIRTUAL SESSION 725 **2024 IBC Means of Egress**
Track 3 Building: General Topics	SESSION 731 **2024 IEBC Performance Compliance and 2024 IEBC Work Area Methods**	SESSION 732 **2024 IRC Wood Wall Bracing**	SESSION 733 **The Low Down on Spray Foam**	SESSION 734 **Ethics & Improving the Efficiency of your Inspections and Developing Communication Skills**	SESSION 735 **2024 IRC Decks – What's New**
Track 4 Building: Essentials to Know	SESSION 741 **2024 IRC Essentials**	SESSION 742 **2024 IBC Types of Construction & 2024 IBC Apartment Buildings Accessibility**	SESSION 743 **2024 IRC Transition from the 2018 IRC**	SESSION 744 **Building Codes for Basement Finishes**	SESSION 745 **2024 IBC Significant Structural Changes & ASCE7-22**
Track 5 Building: Specific Concerns	ALSO VIRTUAL SESSION 751 **Applying the Codes to A, B & M Occupancies**	SESSION 752 **Multi-Family Construction in the 2024 IBC**	SESSION 753 **Commercial Building Inspections – Day 1**	SESSION 754 **Commercial Building Inspections – Day 2**	SESSION 755 **2024 IBC Occupancy Classificon and Allowable Heights & Areas**

Sessions begin at 8 am CT unless otherwise noted.

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TRACK	Monday Feb. 8	Tuesday Feb. 9	Wednesday Feb. 10	Thursday Feb. 11	Friday Feb. 12
Track 6 Multi-Disciplinary: Building and Fire	SESSION 761 **Fire Sprinkler Plan Review - Day 1**	SESSION 762 **Fire Sprinkler Plan Review - Day 2**	SESSION 763 **NFSA High-Piled Storage Plan Review**	SESSION 764 **NFPA 13 Updates - 2019 and 2022 Editions**	SESSION 765 **Integrating Fire Sprinklers and Fire Alarms**
Track 7 Multi-Disciplinary: Building and Plumbing	SESSION 771 **Commercial Mechanical and Related Energy Updates**	SESSION 772 **2024 IRC Essentials: Emphasis on Mechanical, Fuel Gas, Plumbing (Combination Inspector Focus)**	SESSION 773 **2024 IMC Essentials**	ALSO VIRTUAL SESSION 774 **Common Code Issues, v 3.0**	
Track 8 Minnesota Focus	ALSO VIRTUAL SESSION 781 **DLI Update & Accessibility**	SESSION 782 **St. Paul Code Corrections & RR Permit Fees**	SESSION 783 **2026 IRC MN Version**	ALSO VIRTUAL SESSION 784 **Applying the Code to Cannabis Facilities**	SESSION 785 **Minnesota Electrical Code Updates**

Sessions begin at 8 am CT unless otherwise noted.

REGISTER ONLINE at www.iccsafe.org/RegionIII

Early bird pricing ends Monday, January 12, 2027

Thank You!

It takes extensive teamwork and cooperation to create a successful event such as the February Institute. We recognize the work of many who are involved in the event.

- AMBO Board of Directors
- Region III Chapter of ICC
- Education Planning Committee
- International Code Council
- Class Instructors
- Minnesota Department of Labor & Industry
- Trade Show Coordinators, Vendors and Supporters
- Minneapolis Marriott Hotel
- Encore AV Team

*And a special **Thank You to all the attendees!** This event would not be possible without your continued support of the education and networking opportunities.*

2027 ICC Region III Upper Great Plains Educational Institute

February 8-12, 2027

Download Your Session Handouts



NOTE: Printed handouts <u>will not</u> be available on-site.

Easy and Convenient Way to Access Your Session Materials!

Handouts will be available for download on February 3, 2027.

Visit: Region III Handouts Page

Password: 27region3

Session Handouts are Organized by Track, then Day, then Session Number & Title.

Download and Print to bring to class or to retain for reference.
Follow along on your device during the session.

Thank you for your support of AMBO, ICC, and Region III!