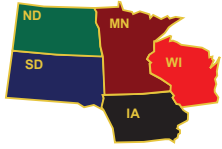




INTERNATIONAL
CODE
COUNCIL®




Join Us in Minneapolis!
Quality Education for Construction Industry Professionals

ICC Upper Great Plains Region III Annual Educational Institute

February 10–14, 2025



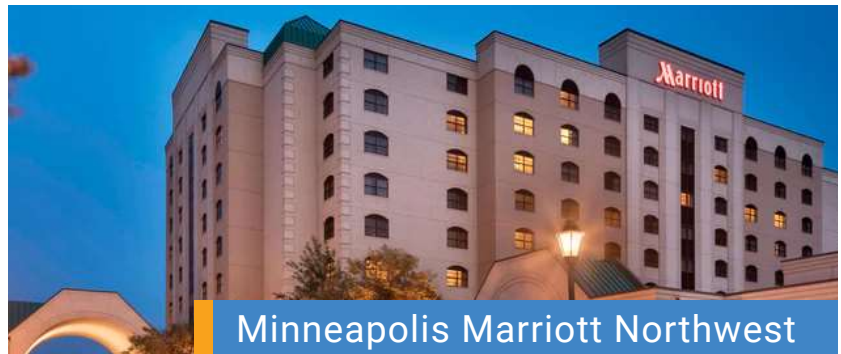
Networking



Meet Colleagues

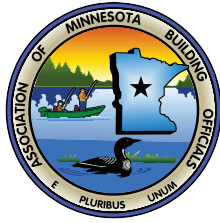


Great Instructors



Minneapolis Marriott Northwest






Welcome to the 21st Annual ICC Upper Great Plains Region III Educational Institute

Welcome!

Check out the abundant networking opportunities and outstanding educational offerings at a superb venue. The Association of Minnesota Building Officials (AMBO), the International Code Council (ICC), and the Region III Chapter of ICC are proud to collaborate on the 21st year of this annual educational event. This week-long event focuses on the construction-inspection industry. You are invited to join us the week of February 10th through 14th, 2025, at the Minneapolis Marriott Northwest in Brooklyn Park, Minnesota.

There will be a Week of Diversified, Engaging Programs

The Institute features 37 sessions of construction-industry related topics offered in eight tracks over five days. Check the brochure for a few select sessions to be offered virtually (). Presenters are well-qualified and often well-known individuals from ICC and from construction-inspection industry-related areas. Everyone is invited and welcome to attend. The week should be of particular interest to individuals involved in building code administration, building inspections, and related regulatory and/or design positions, as well as contractors, builders, and students. Network with colleagues. Meet and mingle with 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.

Do You Need Continuing Education?

The International Code Council provides continuing education approvals for ICC certifications. The Minnesota Department of Labor and Industry provides continuing education approvals for Minnesota licensees. The International Code Council also submits some **specific ICC-labeled sessions** to the American Institute of Architects for continuing education approval. For submission to AIA for continuing education credit, you must sign-in on the separate AIA attendance sheets provided for eligible sessions. Check session descriptions to learn which sessions are ICC-specific and eligible for AIA submission.

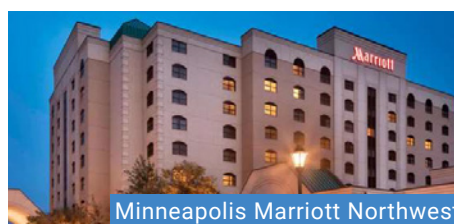
NOTE: MN DLI CEU approvals are currently pending.

It's a Great Venue for the Event

At the Minneapolis Marriott Northwest you can enjoy the convenience of modern, well-appointed hotel suites and classrooms under one roof. The Marriott is conveniently located 30 minutes from the Minneapolis-Saint Paul International Airport, near multiple shopping and dining options, and offers free onsite self-parking. Registered institute attendees are provided with continental breakfast prior to session starts, light morning and afternoon breaks, and buffet lunch.

Location

Minneapolis Marriott Northwest
7025 Northland Drive North
Minneapolis, Minnesota 55428
763.536.8300 – General Hotel Information
Or, [visit the website](#).



continued on next page

Marriott Guestroom Reservations and AMBO Group Rate

All guest rooms are two-room suites. AMBO group-rate reservations are **available through January 20, 2025**. The **AMBO Group Rate** is \$139 per day plus applicable taxes and is available for the dates of the Institute, starting Sunday, February 9, 2025, and ending Friday, February 14, 2025.

- Reserve your room [on-line](#) (Preferred):
- Or, call the reservation line, 1.877.303.1681, and request the Group Rate for the AMBO Conference.

Registration Information

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

IMPORTANT! Registration Closes: Monday, February 3, 2025, the week prior to the event.

Walk-In Registration: Walk-in registration (as classroom space allows) opens onsite Monday, February 10, 2025, at 7 am.

Daily Registration Rates:

- *The on-site registration includes continental breakfast, breaks, and lunch.*
- *Registration closes Monday, February 3, 2025.*

Daily Rate: \$235 each day for one, two or three days.

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

Early-Bird Rate: \$200 per day **if registered by Monday, January 13, 2025.**

Walk-In Rate: \$250 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, extension 33821.

Chapter President's Special: ICC Chapter Presidents may take advantage of a complimentary day of attendance at the Institute. Contact Jerry Backlund, AMBO Chair, at jbacklund@hastingsmn.gov.

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

Special Events

AMBO General Membership Meeting

The AMBO General Membership Meeting will be after class on Monday, February 10. All are welcome. Plan to attend! Location to be announced.

Trade Show

Wednesday is "Trade Show Day." Vendors from throughout the area will showcase their products and provide timely and relevant information. Visit participating vendors and welcome them to the Institute.

ICC Resource Center

The ICC Resource Center will be on-site throughout the day on Wednesday and on Thursday with a wide assortment of Code books as well as ICC merchandise. Check it out!

ICC Region III Chapter Meeting

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

AMBO Board Meeting

The AMBO Board of Directors will hold an on-site Board Meeting. Time and Location to be determined.

**We look forward to seeing new faces and renewing past acquaintances
at this unique, networking and training opportunity!**

How to Register

In-Person Classes (all classes)

Check out the **Blue 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.

The screenshot shows the registration page for the ICC Upper Great Plains Region III Educational Institute. The header features the ICC logo and a city skyline. Below the header is a navigation bar with links: Welcome, Attendee Information, Select Agenda, Additional Attendees, and Registration Record. The main content area displays a welcome message and a link to view the 2025 Region III Educational Institute brochure. At the bottom, there are two buttons: New Registration and Modify 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:

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

☐ Yes ☐ No

Back Continue

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

2. You may register groups 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 2/10/2025

Legal Aspects – Right of Entry

Session 511

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. This course will focus on the main concepts of Right of Entry.

Instructor: Linda Pieczynski (ICC)

TUESDAY 2/11/2025

AM: Ethics in Building Departments

Session 512

Refining decision making. It appears that people should know automatically the right thing to do and will act out of that knowledge. This assumption virtually knocks the air out of the assertion which says every person should not only be about the business of learning the right but also acting upon what he or she knows is right. "Do what's right, when you ought to do it and how you ought to do it and do it that way all the time".

Instructor: Russell Thornburg (Thornburg Code Services)

PM: Improving the Efficiency of Your Inspections and Developing Communication Skills

This seminar is focused on the detailed requirements of completing building inspections, customer service, record keeping and effective field procedures with verbal and non-verbal communication.

Instructor: Russell Thornburg (Thornburg Code Services)

WEDNESDAY 2/12/2025

A Day in the Life of an Inspector

Session 513

Working as a building inspector or plans examiner requires many soft skills as well as practical experience in construction and code knowledge. We will explore your role as a Code Official as we build skills to identify and communicate construction deficiencies and necessary corrective action to a wide customer base. We will also explore professional paths including plans examiner, assistant building official and eventually designated and delegated responsibilities. Real life examples will be used in the instruction of plan review and inspection practices as you perform various tasks within a building department.

Instructor: Andy Schreder (Rum River)

THURSDAY 2/13/2025

Inspector Safety

Session 514

Feeling the weight of code enforcement? Daily duties can be stressful, and encountering threats or dangerous situations is a possibility. But you can be prepared! This essential course equips you with the tools and mindset to navigate challenges and stay safe. Join us for a comprehensive training session covering:

- **The Guardian Mindset:** Shift your focus from "warrior" to "protector" and learn how this approach fosters trust within the community while keeping you safe.
- **Cultivating a Safety Culture:** We'll explore strategies to prioritize safety within yourself and your department to develop a team environment that looks out for everyone.
- **Heightened Situational Awareness:** Sharpen your senses and become more aware of your surroundings, allowing you to proactively identify and avoid potential threats.

Instructor: Greg Smith (GMS Presentations & Training)

FRIDAY 2/14/2025

Inspector Skills

Session 515

This class will be a full exploration of the multitude of building uses and mixed uses related to the burgeoning marijuana industry, and how the codes may apply. A further examination of how the industry is reacting and adjusting to the maze of State and local regulations, and becoming efficient will be addressed. This course is conducted in a forum style, with opportunities for the attendees to ask questions, compare notes, and share the solutions discovered.

Instructor: Cecilia Muela (ICC)

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

TRACK 2 – BUILDING: THE BASICS

MONDAY 2/10/2025

2024 IRC Transition from the 2018 IRC Session 521

This seminar will assist participants in implementing the transition from the 2018 IRC to the 2024 IRC. It will include relevant changes in the 2021 IRC. This interactive training will focus on the key changes presented in the participant material. Knowledge review questions will provide opportunity for participants to discuss and consider the changes.

During this training, participants will be listening to lecture and engaging in class discussion and exercises.

Instructor: Sandra Hyde (ICC)

TUESDAY 2/11/2025

2021 IRC Performing Residential Building Inspections Session 522

This seminar provides building inspectors with fundamental knowledge necessary to administer and enforce applicable code requirements from the 2021 IRC, which apply to foundation and final residential building inspection. Specifically, the seminar provides participants with checklists that enable those performing foundation and final residential building inspections to determine whether the materials, design, construction, installation and location of building components comply with the code. Participants will be able to successfully perform a one- and two-family dwelling building inspection based on the 2021 International Residential Code (IRC).

Instructor: John Gibson (ICC)

WEDNESDAY 2/12/2025

2024 IBC Transition from the 2018 IBC Session 523

This seminar will assist participants in implementing the transition from the 2018 IBC to the 2024 IBC. It will include relevant changes in both the 2021 and 2024 editions. This interactive training will focus on the intent and application of the new and revised requirements with an emphasis on fire- and life-safety provisions.

Instructor: John Gibson (ICC)

THURSDAY 2/13/2025

AM: 2021 IBC Mixed Occupancies Session 524

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. Specific topics include, occupancy classification, mixed occupancy conditions, accessory occupancies, nonseparated occupancies, separated occupancies and multistory conditions.

PM: 2021 IBC Exterior Wall & Opening Protection

This seminar addresses the various provisions in the IBC dealing with the fire-resistance of exterior walls, projections and parapets, and the fire protection of doors and windows in such walls, based on fire separation distance. Although exterior walls are primarily regulated by Table 705.5 due to their location on the lot, including where two or more buildings occur on the same lot, many other requirements are set forth in the code. Exterior bearing walls are regulated by Table 601, while the use of exterior exit stairways, egress courts and exterior areas of assisted rescue will also typically mandate some degree of fire-resistance.

Instructor: Doug Thornburg (ICC)

FRIDAY 2/14/2025

2021 IBC Means of Egress Session 525

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: Doug Thornburg (ICC)

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

TRACK 3 – BUILDING: GENERAL TOPICS

TUESDAY 2/11/2025

Commercial Tenant Improvements A, B & M Session 532

Identifies IBC provisions applicable to the design and construction of tenant space improvements. The discussion addresses the three most common types of uses: business, mercantile and assembly. It emphasizes options available in the code for gaining compliance. Discussion includes occupancy separations and fire areas, type of construction features, fire-resistance-rated construction, interior finish materials, fire protection features, means of egress components and means of egress design.

Instructor: Gil Rossmiller (Shums Coda)

WEDNESDAY 2/12/2025

Fire-Resistant Construction for 2-Family Dwellings and Townhouses Session 533

An in-depth look at required construction methods for both Two-Family Dwelling and Townhouse fire separation walls, floor-ceiling assemblies. This course will be of interest to contractors, designers, plans examiners, field inspectors and architects.

Instructor: Russell Thornburg (Thornburg Code Services)

THURSDAY 2/13/2025

2021 IRC Structural Plan Review Session 534

This objective for this class is to enable participants to perform a structural plan review for residential buildings using the prescriptive provisions of the International Residential Code.

Instructor: Russell Thornburg (Thornburg Code Services)

FRIDAY 2/14/2025

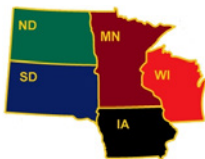
2021 IRC Wood Wall Bracing Session 535

This class provides a comprehensive explanation of the 2021 International Residential Code® (IRC®) Wood Wall bracing requirements. The seminar will focus on code requirements and application to design while clarifying the application of wall bracing provisions in the IRC wall bracing Sections R602.10 thru R602.12. This is a basic course covering all applicable provisions, an intermediate course specializing in high wind or seismic concerns, or advanced course dealing with gray areas of wall bracing and related requirements for the roof and foundation. Participants will successfully apply the provisions of the 2021 IRC to case studies involving bracing requirements for wood-framed residential structures in their region.

Instructor: Sandra Hyde (ICC)



INTERNATIONAL
CODE
COUNCIL®



Mark Your Calendar for 2026

Quality Education for Construction Industry Professionals

ICC Upper Great Plains Region III Annual Educational Institute

February 9–13, 2026

Minneapolis Marriott Northwest | 7025 Northland Drive North | Minneapolis, Minnesota 55428

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

TRACK 4 – BUILDING: ESSENTIALS TO KNOW

MONDAY 2/10/2025

Practical Energy Examples for Plan Review Session 541 **Submittal and Field Inspection**

What should I be providing on the plans and what should I be looking for when reviewing a residential or commercial project to get the desired results in the field by the contractors and inspectors for energy compliance? We are going to review these questions with examples from plans and pictures from the field, both good and maybe not so good.

Instructor: Gil Rossmiller (Shums Coda)

TUESDAY 2/11/2025

2021 IBC Building Classifications Session 542

This class addresses the key issues of the 2021 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. Participants will be able to assign the appropriate occupancy classification, use Table 601 to assist in building classification, and gain an understanding of the varied provisions of Chapter 5 regarding allowable building heights and areas.

Instructor: Doug Thornburg (ICC)

WEDNESDAY 2/12/2025

Single-Family Homes from Application Session 543 **to Occupancy**

Construction of single-family, detached homes is quite a process. From planning to application to execution to inspection, there are many steps along the way. Like a dance, a beautiful performance comes from smooth steps timed by everyone in the group. Mutual understanding and respect for each professional involved and a good grasp of the choreography helps ensure no one trips up. Learn the steps of building a new home in this brand-new class. No formal wear required!

Instructor: Glenn Mathewson (BuildingCodeCollege.com)

THURSDAY 2/13/2025

Deck Design and Plan Review Session 544

New prescriptive deck design codes have been developed and fine-tuned since the 2015 edition, with more developments on the horizon. Learn all the details and design flexibility in the 2021 IRC for deck construction from someone that was part of their development. This course will take you through a sample deck plan review that will capture a broad extent of what Section R507 can offer your community.

Instructor: Glenn Mathewson (BuildingCodeCollege.com)

FRIDAY 2/14/2025

IBC Multi-Family Construction Session 545

Overview of the requirements for multi-family dwellings in the International Building Code. Type V-A construction may be the most difficult type of construction to build a structure by. This seminar discusses the design, construction and inspection of Group R-2 occupancies including, building planning, fire-resistive rated construction, fire protection requirements and means of egress requirements.

Instructor: Gil Rossmiller (Shums Coda)

Region III



INVITES YOU

To Attend the Annual Membership Meeting

Wednesday During Lunch

Location to be Announced

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

TRACK 5 – BUILDING: SPECIFIC CONCERNS

MONDAY 2/10/2025

Beginning Commercial Building Inspections Session 551

This full day class is designed for residential inspectors that are moving into the area of commercial inspections. The class will briefly discuss the preparation and tools needed to conduct an inspection and the interaction between the inspector and contractor. The majority of the class will focus on the technique and technical aspects of commercial building inspections. Subjects discussed in the class will include foundations, wood framing, light-gauge steel framing, fire-resistive rated construction, means of egress and accessibility. *Based on the 2021 IBC.*

Instructor: Steve Thomas (Shums Coda)

TUESDAY 2/11/2025

Advanced Commercial Building Inspections Session 552

This full day class is designed for commercial inspectors looking for a more advanced look at the inspection process and technical portions of the International Building Code. The main focus of the class will be on the inspecting the structural portion of the building including concrete, steel and masonry. Structural testing and special inspection requirements will also be discussed. Inspections of high-rise construction and other types of large projects will also be reviewed during the class. *Based on the 2021 IBC.*

Instructor: Steve Thomas (Shums Coda)

WEDNESDAY 2/12/2025

When Disaster Strikes – Evaluator Training Session 553

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

The ICC Disaster Response Inspector Program is aimed at training and certifying qualified professionals to assist with performing Post-Disaster Building Safety Evaluations. It also discusses the NIMS credentialing process whereby properly trained and qualified Post-Disaster Building Safety Evaluators can be prequalified and rostered. By properly training and pre-qualifying a pool of individuals building officials are better able to jump start recovery efforts.

Instructor: William Bracken (ICC)

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

THURSDAY 2/13/2025

Applying the Code to Cannabis Facilities Session 554

This class is designed to help code officials, architects, owners and operators with the application of the building codes on cannabis facilities. Cannabis cultivation, processing and sale are handled differently than other industrial processes which means that as legalization of cannabis becomes more prevalent, the need to know how to apply the code will be valuable for the building safety community to know. Topics in the course include building, fire, mechanical, plumbing, energy and electrical code requirements, different types of facilities and a checklist for plan review inspection.

Instructor: Steve Thomas (ICC)

FRIDAY 2/14/2025

Hazardous Materials for Building Officials Session 555

This is a full day class that covers the subject of hazardous materials to assist the Building Official in properly dealing with the more dangerous occupancies. The pertinent sections of the IBC regarding Hazardous Materials will be covered, including each type of H occupancy, as well as additional sections of some other codes. The class covers how to correctly classify materials, correctly determine when a label of "H" occupancy is appropriate and determines various manners of protection required to reduce risk. Control areas, storage, open and closed systems will all be discussed in depth. Tips on analyzing materials, going over available resources and special requirements will also be covered. Time will be spent helping to understand MSDS sheets and evaluating specific hazardous situations. Real life examples will be brought up with class participation encouraged in analyzing the possible dangers. *Based on the 2021 IBC.*

Instructor: Steve Thomas (Shums Coda)

TRACK 6 – MULTI-DISCIPLINARY: BUILDING AND FIRE

MONDAY 2/10/2025

Fire-Resistance-Rated Building Elements and Assemblies **Session 561**

This session provides a high-level overview of the requirements of Chapter 7 of the International Building Code, covering Fire and Smoke Protection Features. The purpose is to focus on important characteristics of structural fire-resistance and compartmentation fire-resistance – and smoke protection features. The overview includes a description of the referenced standards, the methods for showing code compliance, the methods for analyzing permitted substitutions, installation considerations and special inspection requirements.

We'll also spend some time in Chapter 7 of the International Fire Code, covering the maintenance of Fire and Smoke Protection Features which has had big changes over the past three code development cycles.

Instructor: Rich Walke (Creative Technology)

TUESDAY 2/11/2025

Plan Review for High-Piled Storage Occupancies **Session 562**

This course will provide attendees with an overview of the IFC requirements specific to high-piled storage occupancies. A thorough review of IFC Chapter 32 will be done, along with pertinent fire protection criteria from NFPA 13 will be discussed. The course will also provide an overview of the general fire protection requirements for S-1 occupancies storing high-piled storage.

Instructor: John Swanson (NFSA)

WEDNESDAY 2/12/2025

Application and Enforcement of the Minnesota State Fire Code **Session 563**

This course will provide attendees with an overview of the Minnesota State Fire Code (MSFC) from a former AHJ's perspective to assist code officials with application, interpretation, and enforcement of the MSFC. This course will outline the roles and responsibilities of the fire code official when applying and enforcing the fire code in Minnesota. The content will include the pertinent Minnesota amendments to the 2018 International Fire Code, so code officials will leave with a better understanding of how to apply the fire code in their jurisdiction. Lastly, the course will highlight some of the important changes to the codes that may be adopted as Minnesota transitions to the 2024 editions of the IBC and IFC.

Instructor: John Swanson (NFSA)

THURSDAY 2/13/2025

Sprinkler Plan Review (DAY 1) **Session 564**

Day one of the two-day fire sprinkler plan review course will provide attendees with the criteria necessary to perform plan reviews for fire sprinkler systems. Installation criteria dealing with where sprinklers are required/not required, obstructed vs. unobstructed construction, and sprinkler placement related to obstructions.

Instructor: John Swanson (NFSA)

Session begins at 7:30 am. This is an 8 hr. class.

FRIDAY 2/14/2025

Sprinkler Plan Review (DAY 2) **Session 565**

Day two of the two-day fire sprinkler plan review will focus on sprinkler hydraulics and what plan reviewers need to know regarding reviewing hydraulic calculations.

Instructor: John Swanson (NFSA)

Session begins at 7:30 am. This is an 8 hr. class.

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

TRACK 7 – MULTI-DISCIPLINARY: BUILDING AND PLUMBING

MONDAY 2/10/2025

2020 MN Plumbing Code Requirements Review of Plumbing Fixtures and Fixture Fittings, Water Heaters Session 571

During this 8-hour seminar, we will review Chapter 4 through 5 which covers code requirements for Plumbing Fixtures and Fixture Fittings as well as Water Heaters. During this seminar, key design and inspection factors for indirect Waste and Traps and Interceptor from Chapters 8 and 10 will also be covered. Finally, we'll review Appendix I of the 2020 MN Plumbing Code and examine the installation Standard for Pex Tubing Systems for Hot and Cold-Water Distribution and dial in on velocity differences between Pex and other piping materials and how this might affect pipe sizes.

Instructor: Randy R. Lorge (IAPMO)

Session begins at 7:30 am. This is an 8 hr. class.

TUESDAY 2/11/2025

Commercial Inspections Session 572

Code enforcement occasionally needs a creative approach and solution, this presentation will cover a few of those head scratchers that we're sure are not in the commentary. We will include commercial, residential, and multi-family plan review and construction issues that have come up in recent years and offer what we see as viable solutions that hedge along those gray lines we find in our code. You may ask yourself how did you approve that!

Instructor: Jerry Norman & James Coyle (City of Rochester)

WEDNESDAY & THURSDAY 2/12–2/13/2025

2021 B3 Building Plans Examiner – 2 Days Session 573 **Mechanical Inspections**

The 2021 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.

Instructor: Jerry Flanik (ICC)

FRIDAY 2/14/2025

2021 IRC Performing Residential Plumbing/Mechanical Inspections Session 575

This course reviews the plumbing and mechanical requirements of the 2021 International Residential Code (IRC). The details provided will enhance your understanding of plumbing and mechanical terminology, equipment, materials and methods of installation as related to residential construction. It covers the minimum requirements for residential plumbing and residential mechanical inspections. You will also discuss major portions of a residential plan. Participants will also participate in activities that involve a checklist for performing residential plumbing inspections.

Instructor: Jerry Flanik (ICC)



The Region III Chapter of ICC

The Board of Directors for the Region III Chapter of ICC has Representatives from each of the Five States in the Region.

Iowa Representatives: Adam Ostert; Gary Hansen; Roger Schemmel (President)

Minnesota Representatives: Pam Christiansen; Silvia Gonzalez; Scott Oswald (1st Vice President)

North Dakota Representatives: Tom Blackmore; Luke Olson; Christine Rose (Secretary/Past President)

South Dakota Representatives: Lauralee Patton; Barry Dunlavy; Neil King (2nd Vice President)

Wisconsin Representatives: Brian Flannery; Scott Satula; Nicole Krahn (Treasurer)

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

TRACK 8 – MINNESOTA FOCUS

MONDAY 2/10/2025

AM: CCLD Update

Session 581

This seminar will feature discussion on the upcoming supplements to the Minnesota Building Code requiring adult-sized changing facilities and revising requirements for window cleaning anchors. There will be an overview of resources available to code officials at DLI/CCLD, and then some of the more significant changes anticipated for the next generation of construction codes based upon Technical Advisory Group recommendations will be outlined.

Instructor: Greg Metz (MN State Building Official)

PM: Shallow Frost Protected Foundations and ICF Foundations

Next, we will look at ICF's use in foundations and above-grade walls. Topics include how ICF's are similar and different from traditional walls, what should be checked in plan review, and what is checked at inspection. We will look at details such as how to connect new ICF's to existing masonry foundations, waterproofing, fire resistance, and compatibility with ASTM and NFPA standards.

Instructor: Adam Barthel (City of Minneapolis)

TUESDAY 2/11/2025

MN Accessibility with Plumbing Changes and Plumbing Roundtable

Session 582

This course will provide a high-level sneak peek at some of the draft changes to the next edition of the Minnesota Accessibility Code. Including a look at adult changing stations, EV charging stations, assisted toileting facilities, Group I-1, I-2 and R-3 care facilities, turning space and clear floor space, power-operated doors, non-gender-separated multi-user toilet room accessibility, and changing bench clearance.

Instructor: Karen Gridley (DLI)

WEDNESDAY 2/12/2025

Inspector Insights

Session 583

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.

Instructor: Sandra Hyde (ICC)

THURSDAY 2/13/2025

ASHRAE 90.1 Overview with COMcheck

Session 584

How many of us own the standard or know what the standard requires to find compliance on the plans or in the field? Whether we have the standard on hand for reference or not, does not change the fact that designers and architects have the choice of utilizing it for their projects. Join us as we discuss the requirements found in 90.1-2019. One of the most seen compliance documents is COMcheck. A review of how a COMcheck is created and how to review for compliance will be presented.

Instructor: Josh Harmon (Shums Coda)

FRIDAY 2/14/2025

Energy Balancing Reports and Commissioning

Session 585

This seminar will review ASHRAE 90.1 from a technical aspect, explaining the "why's" of the document, as well as what to review in submitted documents to assure compliance.

Instructor: John Smith, P.E.

ICC UPPER GREAT PLAINS REGION III EDUCATIONAL INSTITUTE | FEBRUARY 2025

TRACK	Monday Feb. 10	Tuesday Feb. 11	Wednesday Feb. 12	Thursday Feb. 13	Friday Feb. 14
Track 1 Code Compliance and Professional Development	SESSION 511 Legal Aspects – Right of Entry <i>Linda Pieczynski</i>	SESSION 512 AM – Ethics PM – Improving the Efficiency of Your Inspections and Developing Communication Skills <i>Russell Thornburg</i>	SESSION 513 A Day in the Life of an Inspector <i>Andy Schreder</i>	SESSION 514 Inspector Safety <i>Greg Smith</i>	SESSION 515 Inspector Skills <i>Cecilia Muela</i>
Track 2 Building: The Basics	ALSO VIRTUAL SESSION 521 2024 IRC Transition from the 2018 IRC <i>Sandra Hyde</i>	SESSION 522 2021 IRC Performing Residential Building Inspections <i>John Gibson</i>	ALSO VIRTUAL SESSION 523 2024 IBC Transition from the 2018 IBC <i>John Gibson</i>	SESSION 524 AM – 2021 IBC Mixed Occupancies PM – 2021 IBC Exterior Wall & Opening Protection <i>Doug Thornburg</i>	SESSION 525 2021 IBC Means of Egress <i>Doug Thornburg</i>
Track 3 Building: General Topics		SESSION 532 Commercial Tenant Improvements A, B & M <i>Gil Rossmiller</i>	SESSION 533 Fire-Resistant Construction for 2-Family Dwellings and Townhouses <i>Russell Thornburg</i>	SESSION 534 2021 IRC Structural Plan Review <i>Russell Thornburg</i>	SESSION 535 2021 IRC Wood Wall Bracing <i>Sandra Hyde</i>
Track 4 Building: Essentials to Know	SESSION 541 Practical Energy Examples Plan Review Submittal and Field Inspection <i>Gil Rossmiller</i>	SESSION 542 2021 IBC Building Classifications <i>Doug Thornburg (ICC)</i>	SESSION 543 Single-Family Homes from Application to Occupancy <i>Glenn Mathewson</i>	SESSION 544 Deck Design and Plan Review <i>Glenn Mathewson</i>	SESSION 545 IBC Multi-Family Construction <i>Gil Rossmiller</i>
Track 5 Building: Specific Concerns	SESSION 551 Beginning Commercial Building Inspections <i>Steve Thomas</i>	SESSION 552 Advanced Commercial Building Inspections <i>Steve Thomas</i>	SESSION 553 When Disaster Strikes – Evaluator Training <i>William Bracken</i>	ALSO VIRTUAL SESSION 554 Applying the Code to Cannabis Facilities <i>Steve Thomas</i>	ALSO VIRTUAL SESSION 555 Hazardous Materials for Building Officials <i>Steve Thomas</i>

Sessions begin at 8 am CT unless otherwise noted.

Matrix continued on next page

ICC UPPER GREAT PLAINS REGION III EDUCATIONAL INSTITUTE | FEBRUARY 2025

TRACK	Monday Feb. 10	Tuesday Feb. 11	Wednesday Feb. 12	Thursday Feb. 13	Friday Feb. 14
Track 6 Multi-Disciplinary: Building and Fire	SESSION 561 Fire-Resistance-Rated Building Elements and Assemblies <i>Rich Walke</i>	SESSION 562 Plan Review for High-Piled Combustibles <i>John Swanson</i>	SESSION 563 Application and Enforcement of the Minnesota State Fire Code <i>John Swanson</i>	SESSION 564* Sprinkler Plan Review (DAY 1) <i>John Swanson</i> *Starts at 7:30 am	SESSION 565* Sprinkler Plan Review (DAY 2) <i>John Swanson</i> *Starts at 7:30 am
Track 7 Multi-Disciplinary: Building and Plumbing	SESSION 571* 2020 MN Plumbing Code Requirements Review of Plumbing Fixtures and Fixture Fittings, Water Heaters <i>Randy R. Lorge</i> *Starts at 7:30 am	ALSO VIRTUAL SESSION 572 Commercial Inspections <i>Norman & Coyle</i>	SESSION 573 2021 B3 Building Plans Examiner <i>Jerry Flanik</i>		SESSION 575 2021 IRC Performing Residential Plumbing/Mechanical Inspections <i>Jerry Flanik</i>
Track 8 Minnesota Focus	SESSION 581 AM – CCLD Update <i>Greg Metz</i> PM – Shallow Frost Protected Foundations and ICF Foundations <i>Adam Barthel</i>	SESSION 582 MN Accessibility with Plumbing Changes and Plumbing Roundtable <i>Karen Gridley</i>	SESSION 583 Inspector Insights <i>Sandra Hyde</i>	SESSION 584 ASHRAE 90.1 Overview with COMcheck <i>Josh Harmon</i>	SESSION 585 Energy Balancing Reports and Commissioning <i>John Smith</i>
Special Events	AMBO Membership Meeting		Trade Show ICC Resource Center Region III Chapter Meeting	ICC Resource Center	

Sessions begin at 8 am CT unless otherwise noted.

REGISTER ONLINE at www.iccsafe.org/RegionIII

Early bird pricing ends Monday, 13 January 2025

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.*

2025 ICC Region III Upper Great Plains Educational Institute

February 10-14, 2025



Download Your Session Handouts



NOTE: Printed handouts will not be available on-site.

Easy and Convenient to access your Session Materials!

Handouts will be available for download on February 3, 2025.

Visit: [Region III Handouts Page](#)

Password: 25region3

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!