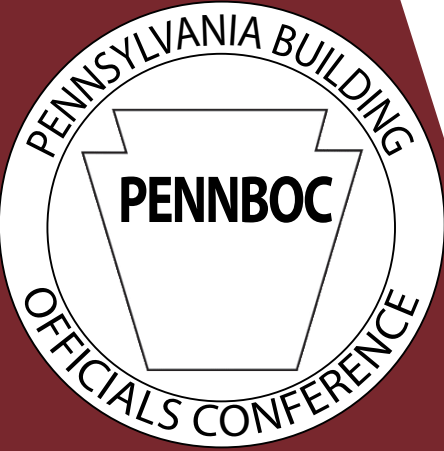


September 17-19 2025  
Bear Creek Mountain Resort, Macungie, PA

# CONFERENCE & TRADE SHOW



## ATTENDEE REGISTRATION

REGISTER ONLINE AT  
[www.PENNBOC.org](http://www.PENNBOC.org)

Pennsylvania Building Officials Conference  
PO Box 82 | Bethlehem, PA 18016  
(717) 730-6036 | [www.PENNBOC.org](http://www.PENNBOC.org)

Thank you GOLD Sponsor:

**TRAISR**  
ASSET MANAGEMENT SOFTWARE

# 2025

# You're Invited to Attend the 2025 PENNBOC Conference & Trade Show!

The 2025 Conference and Trade Show will be held **September 17-19, 2025**, at Bear Creek Mountain Resort, Berks County. We've expanded educational offerings to include FIVE separate tracks!

PENNBOC is offering building code professionals the opportunity to choose from full- and half-day courses focusing on a variety of unique topics!

The conference is designed to fit your schedule! You can attend one, two, or the entire two and one-half day conference format. There are also options to attend select seminars virtually (see website).

Network with colleagues from around the Commonwealth, interact with vendors, and obtain training in a number of areas!

Just complete & return the enclosed registration form or register/pay online at the PENNBOC website: [www.PENNBOC.org](http://www.PENNBOC.org).



## Attendee Deadlines

Early Bird Deadline: Sep 2nd

Registration Deadline: Sep. 14th

**Register online at**  
**[www.PENNBOC.org](http://www.PENNBOC.org)**

## CONFERENCE VENUE

### Bear Creek Mountain Resort

101 Doe Mountain Lane  
Macungie, PA 18062  
Hotel Phone: (866) 754-2822  
[www.bcmountainresort.com](http://www.bcmountainresort.com)



Tucked in scenic Berks County, Bear Creek Mountain Resort is a four-season destination retreat. With the mountains at our doorstep, you can bike, hike, and explore our 330 wooded acres, or admire the view from its rustic-inspired lodge.

Guests can relax and rejuvenate in Bear Creek's full-service spa, fitness center, multiple pools, hot tubs, and savor al fresco meals and seasonal specials at its on-site restaurant and cafe.

PENNBOC conference goers can receive a special room rate of **\$129 per night** (a limited number of Deluxe Suites w/two Queen Beds available for \$159). Use the Group Name: **PENN91624** when making your guest reservations. You can call the hotel reservation line at 866-754-2822 x205 or online via the link posted on PENNBOC's website. The group block rate is available until **Sep 2nd** or until the block sells out.

# ATTENDEE REGISTRATION FORM

Attendee Name: \_\_\_\_\_

Job Title: \_\_\_\_\_

Jurisdiction/Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

PENNBOC Member? ☐ Yes; ☐ No; ☐ Yes, I'm a new member joining today (add \$85 to total due)

What Region are you in? ☐ R1-Southeast PA; ☐ R2-Northeast PA; ☐ R5-Central PA; ☐ R6-Western PA

## REGISTRATION INFO

I am registering for: (please indicate your selections below)

### Member Rates

Full conference: ☐ Early Bird Fee (until Sep 2nd) - \$445  
☐ Standard Fee - \$495

### Non-Member Rates

☐ Early Bird Fee (until Sep 2nd) - \$545  
☐ Standard Fee - \$595

By-the-day conference: ☐ Wednesday Only - \$230  
☐ Thursday Only - \$230  
☐ Friday Only - \$100

☐ Wednesday Only - \$285  
☐ Thursday Only - \$285  
☐ Friday Only - \$130

Virtual seminars: Visit [www.PENNBOC.org](http://www.PENNBOC.org) to register for the live-stream version of select seminars

## CONFERENCE SEMINAR SELECTIONS (Select your desired seminars below.)

	Track 1	Track 2	Track 3	Track 4	Track 5
Wed AM	<input type="checkbox"/> Report Writing for Code Officials	<input type="checkbox"/> Fire Sprinkler & Alarm Systems 101	<input type="checkbox"/> When Disaster Strikes - Evaluator Training	<input type="checkbox"/> 2021 IECC Essentials - Commercial	<input type="checkbox"/> Construction Materials Testing & Inspection
Wed PM				<input type="checkbox"/> 2021 IECC Essentials - Residential	<input type="checkbox"/> Understanding Type IV Construction
Thu AM	<input type="checkbox"/> 2021 IRC Significant Changes	<input type="checkbox"/> Occupancy Classifications, Construction Types, and Height & Area Limits	<input type="checkbox"/> Overview of Fire Service Target Hazards for Building Officials	<input type="checkbox"/> International Property Maintenance Code	<input type="checkbox"/> Sewage Facilities Planning
Thu PM		<input type="checkbox"/> Understanding Means of Egress Under the IBC	<input type="checkbox"/> Arson Investigation & the Building Codes	<input type="checkbox"/> Land Development & Planning: What Every Bldg Official Should Know	<input type="checkbox"/> Inspector Skills
Fri AM	<input type="checkbox"/> Changes in the 2021 I-Codes for Pipe Insulation Inspections	<input type="checkbox"/> PA UCC Update - 2021 Codes Adoption	<input type="checkbox"/> Key NEC 2020 Updates for PA Code Officials	<input type="checkbox"/> Building Influence & Trust with Municipal Leadership	<input type="checkbox"/> Employment Law Issues for Supervisory Personnel

## PAYMENT (Return form & payment to: PENNBOC, PO Box 82, Bethlehem, PA 18016)

TOTAL AMOUNT DUE: ☐ Check Enclosed, or ☐ Pay by Credit Card online

\$ \_\_\_\_\_

(Do you have a coupon code? Register online to claim it.)

**Save Time: Register & pay online at [www.PENNBOC.org](http://www.PENNBOC.org)**

# SEMINAR DESCRIPTIONS (Subject to change)

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You can mix-and-match conference seminars from five different tracks. **All morning sessions run from 8:30am until 12:00pm; afternoon sessions run 1:30pm until 5:00pm.** Seminars are approved by ICC for 3 contact hours for half day & 6 contact hours for full day classes.

## **WEDNESDAY, SEP. 17th**

### **FULL DAY SEMINARS:**

#### **REPORT WRITING FOR CODE OFFICIALS**

*ICC Instructor*

Effective writing is vital to your career as an inspector, notices of violation, letters and reports are public documents that may be read by supervisors, attorneys, judges, citizens, design professionals, contractors and reporters. What you write can become the basis for appeal hearings and criminal and civil trials but also could prevent cases from going to court. Your inspection reports and notices of violation will compel a property owner to take action. Your writing skills can help to advance your career. This seminar provides knowledge and skills for effectively writing reports and violation notices for code professionals of all levels.

#### **FIRE SPRINKLER & ALARM SYSTEMS 101**

*Steven Schneider, Kistler O'Brien*

This session is intended to provide a basic understanding of the four main types of fire sprinkler systems, their common components, how they function and how to determine operational system readiness. Why sprinkler protected facilities have experienced significant fire losses will be discussed and the importance of inspections and employee/fire department training to prevent these losses. Session will also provide an overview of fire alarm systems, their components, operation and common causes of "false alarms". Session will be a lecture lead presentation, with numerous system components available for participants to look at and handle.

#### **WHEN DISASTER STRIKES – EVALUATOR TRAINING**

*Walter Schneider, Centre Region Code Administration / Michael Simonson, City of Bethlehem*

Natural disasters such as severe storms, earthquakes, tornadoes, fires, hurricanes, and floods can cause severe property damage and cripple affected communities. If your community is struck, are you ready? All too often after a disaster, an

affected community is left on its own to struggle with evaluating its damage and determining whether structures can be re-inhabited. When evaluations are not conducted quickly, a community's residents will reoccupy potentially unsafe structures. The WDS Evaluator training instructs qualified individuals on how to perform Post-Disaster Building Safety Evaluations. This training program is required training for all three levels of evaluators. This training: Introduces the role of the Post-Disaster Building Safety Evaluator; Teaches participants how to perform building safety evaluations; Increases awareness of operational environments and hazards; Introduces training and credentialing requirements; and, Provides participants with the opportunity to perform virtual ATC 20/45 Rapid Assessments.

### **MORNING SEMINARS:**

#### **2021 IECC ESSENTIALS - COMMERCIAL**

*ICC Speaker*

Participants will understand and apply the critical concepts of the 2021 International Energy Conservation Code with an emphasis on commercial structures. These concepts provide a basis for the correct use of the code in the design, plan review, inspection, and analysis of projects. It will provide a clear understanding and correct use of the requirements identified by these basic code provisions, tables and categorizations. Participants will apply the code in clear-cut situations and build their understanding of the intent of the code.

#### **BUILDING WITH CONFIDENCE: CONSTRUCTION MATERIALS TESTING & INSPECTION**

*Mike Padula, Pennoni*

This seminar will cover various topics in Chapter 17 of the IBC 2021 code for Structural Masonry, Structural Concrete, and Soil. We will also be demonstrating (through video and hands on) how the laboratory testing that is performed to confirm compliance of delivered products (masonry grout, mortar, CMU, and concrete) is performed and what the testing means.

We will also be demonstrating a couple different non-destructive testing techniques that can be used to evaluate the in place strength of concrete when the laboratory test data indicates a possible deficiency. These methods will include Ultrasonic Pulse Velocity, CAPO Pull Out Testing, Schmidt Rebound Hammer, and Winsor Probe and Pin testing. Finally, we will do a presentation on the visual classification of soil and how to determine if the soils are problematic and what tests are performed that can provide early warning signs of problematic soils. This section will also have a hands on demonstration of seeing the actual grain sizes of different soils and the Atterburg Limits lab test.

### **AFTERNOON SEMINARS:**

#### **2021 IECC ESSENTIALS - RESIDENTIAL**

*ICC Speaker*

Participants will understand and apply the critical concepts of the 2021 International Energy Conservation Code with an emphasis on residential structures. These concepts provide a basis for the correct use of the code in the design, plan review, inspection, and analysis of projects. It will provide a clear understanding and correct use of the requirements identified by these basic code provisions, tables and categorizations. Participants will apply the code in clear-cut situations and build their understanding of the intent of the code.

#### **UNDERSTANDING TYPE IV CONSTRUCTION**

*Jim Smith, American Wood Council*

This half-day seminar offers professional building officials a comprehensive exploration of Type IV Construction, commonly historically known as heavy timber construction and more recently referred to as Mass Timber. Participants will examine the unique characteristics, structural elements, and fire-resistance requirements that distinguish this construction type under the International Building Code (IBC), with special attention to the distinctions among subcategories IV-A, IV-B, and IV-C introduced in recent code



# SEMINAR DESCRIPTIONS *(continued)*

cycles. This seminar is based on the ICC/AWC publication MASS TIMBER BUILDINGS AND THE IBC®. The seminar will also address design considerations, inspection challenges, and compliance strategies associated with mass timber construction, including cross-laminated timber (CLT) and glued-laminated timber (glulam). Attendees will gain critical insight into how Type IV Construction fits into modern building design and how to effectively enforce code requirements while supporting innovative, sustainable development.

## THURSDAY, SEP. 18th

### FULL DAY SEMINARS:

#### 2021 IRC SIGNIFICANT CHANGES

*ICC Speaker*

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

### MORNING SEMINARS:

#### OCCUPANCY CLASSIFICATIONS, CONSTRUCTION TYPES, AND HEIGHT & AREA LIMITS

*Walter Schneider, Centre Region Code Administration*

This engaging half-day seminar will provide building officials with a comprehensive overview of three core components of the International Building Code (IBC): occupancy classifications, construction types, and the height and area limitations that tie them together. Attendees will learn how to correctly classify occupancies, determine construction type requirements, and apply the complex height and area provisions—including allowable increases for fire protection systems and open frontage. The presentation will also address mixed-use buildings, separated versus non-separated occupancies, and common pitfalls in code application. Whether you're performing plan reviews or field inspections, this session will

sharpen your understanding of how these interrelated code provisions shape building design and compliance.

#### AN OVERVIEW OF FIRE SERVICE TARGET HAZARDS FOR BUILDING OFFICIALS

*Todd laeger, UL*

This presentation provides an overview for building code officials regarding fire service target hazards emphasizing Lithium-ion battery applications and ESS challenges within the built environment. The program focuses on requirements found within the International Building Code (IBC), International Fire Code (IFC), and referenced technical UL and NFPA standards. Lithium-ion battery concepts, behavior and uses as well as fire and life safety challenges, code applications and strategies will be presented and discussed. Attendees will learn fire service challenges at complex occupancies, aspects associated with Lithium-Ion battery behavior, uses, and hazards, various technical references and resources related to ESS, and fire and life safety protection mitigation concepts.

#### INTERNATIONAL PROPERTY MAINTENANCE CODE

*Michael Simonson, City of Bethlehem*

This course is designed to provide you with a basic understanding of the IPMC and how it regulates the minimum maintenance requirements for existing buildings. The IPMC is a maintenance document intended to establish minimum maintenance standards for basic equipment, light ventilation, heating, sanitation and fire safety. The responsibility for this maintenance is fixed among owners, operators and occupants for code compliance. The IPMC also provides for the regulation and safe use of existing structures in the interest of the social and economic welfare of the community.

#### SEWAGE FACILITIES PLANNING

*Roger Lehmann, PA Assoc. of Sewage Enforcement Officers*

The primary purpose of sewage facilities planning is to protect the public health, safety, and welfare. An sewage enforcement officer's main responsibility in planning is to determine if the site is generally suitable for on lot sewage disposal systems. This course will help students become knowledgeable about the purposes of sewage facilities planning and gain a better understanding

of the planning process of a local agency. The course will serve as a primer on what a planning module is and what the various modules do. Students will come away with a better understanding of reviewing planning modules. (Approved for SEO CE.)

### AFTERNOON SEMINARS:

#### UNDERSTANDING MEANS OF EGRESS UNDER THE IBC

*Walter Schneider, Centre Region Code Administration*

This half-day seminar provides a comprehensive overview of the International Building Code (IBC) provisions related to means of egress. Designed for professional building officials, the course will examine the fundamental components of egress systems—including exit access, exits, and exit discharge—along with common design challenges and code compliance issues. Attendees will explore key topics such as occupant load calculations, egress width requirements, door hardware, stairway design, and emergency lighting. Participants will gain the tools needed to evaluate egress systems for safety, functionality, and code adherence in a variety of occupancies and construction types.

#### ARSON INVESTIGATION & THE BUILDING CODES

*Jeremy Searfoss, City of Reading*

This seminar provides building code officials with essential insight into how fire origin and cause investigations relate to code compliance, fire-resistive construction, and post-fire assessments. Attendees will gain a deeper understanding of common indicators of arson, the role of building features in fire behavior, and how code violations may contribute to or obscure fire cause determinations. The course will equip officials with the knowledge to collaborate effectively with fire investigators and support safer building practices in their jurisdictions.

#### LAND DEVELOPMENT & PLANNING: WHAT EVERY BUILDING OFFICIAL SHOULD KNOW

*Michelle Mayfield, Esq, HVML*

This class offers building code officials a comprehensive overview of the land development and planning process in Pennsylvania. Attendees will gain practical insight into how subdivision and land

# SEMINAR DESCRIPTIONS *(continued)*

development applications are reviewed and approved under the Pennsylvania Municipalities Planning Code (MPC), the role of planning commissions and governing bodies, and how zoning, stormwater, and other ordinances interact with building codes. The seminar will also address legal considerations, timelines, and common pitfalls that can delay projects or trigger disputes. Ideal for building officials seeking to better coordinate with planning departments and understand their role in the broader development review process.

## INSPECTOR SKILLS

*William Yeagley, Lower Allen Township / Jim Lucas, Limerick Township*

This seminar addresses Inspector Skills that focuses on the “other” skills that are essential for success as a construction inspector. These “soft skills” are the non-technical traits and behaviors that enhance an inspector’s ability to interact with others and to successfully carry out their job duties. Inspector Skills aims to raise awareness of the importance of soft skills and to provide guidance toward recognizing and improving those skills. When coupled with the technical knowledge of codes and construction practices, developing effective soft skills elicits cooperation, generates respect and credibility, and improves the image of inspectors and code safety departments. This seminar is for all code disciplines and will also benefit students, permit technicians, plan reviewers and building officials.

## FRIDAY, SEP. 19th

### MORNING SEMINARS:

#### CHANGES IN THE 2021 I-CODES FOR PIPE INSULATION INSPECTIONS

*Howard Ahern, Airex Manufacturing Inc.*

This class will cover the following topics: Locating pipe insulation requirements in the 2021 I-codes including Energy, Plumbing, Mechanical, Residential and Building codes; Understanding what mandatory piping must be insulated and what exceptions apply;

Hot Water Pipe Insulation Requirement; New Penetration Sealing Requirements; How to use commercial pipe insulation wall thickness chart; Fire performance standard and plenum requirements; What is insulation Permanence? ASTM E96 Perm ratings and vapor retarding for pipe insulation; Residential Refrigeration Pipe Support; Protecting exposed outdoor pipe insulation, why and how?; Performance and prescriptive insulation requirements; Understanding R values, difference between thickness and R Value requirements; and, New ADA under sink insulation code & standards.

#### PA UCC UPDATE – 2021 CODES ADOPTION

*Walter Schneider, Centre Region Code Administration*

In accordance with the requirements of Act 45 of 1999 as amended, the Pennsylvania Uniform Construction Code (UCC) Review and Advisory Council (RAC) initiated the process of reviewing of the 2021 I-Codes in 2022. The code provisions adopted during this multi-year process are expected to take effect 2025. This session will review the process and timeline that the RAC executed, discuss the implications leading up to the effective date of these changes, and outline ways to get involved with future code review cycles.

#### KEY NEC 2020 UPDATES FOR PENNSYLVANIA CODE OFFICIALS

*Anthony Bubrowski, South Middleton Twp*

With Pennsylvania’s adoption of the 2021 building codes comes a significant shift in electrical standards—advancing from the 2017 to the 2020 edition of the National Electrical Code (NEC). This half-day seminar is designed specifically for professional building code officials and electrical inspectors to explore the most impactful changes and new requirements introduced in the 2020 NEC. Topics will include expanded GFCI protection, surge protection requirements, emergency disconnects for one- and two-family dwellings, updates to service and feeder calculations, and notable revisions related to energy storage systems and renewable technologies. Attendees will leave with a clearer understanding of code

enforcement implications and practical guidance for field inspections under the updated code.

#### BUILDING INFLUENCE AND TRUST WITH MUNICIPAL LEADERSHIP

*Panel Discussion*

This half-day seminar is designed to help building code officials strengthen their working relationships with township managers, elected officials, and other municipal leaders. Participants will explore best practices for communicating technical code requirements in a way that supports sound decision-making, fosters mutual respect, and aligns with broader community goals. Topics will include navigating political pressures, presenting enforcement actions professionally, contributing to long-range planning, and understanding the priorities and constraints of municipal leadership. Attendees will gain practical tools for building trust, improving collaboration, and enhancing the impact of their role within local government.

#### EMPLOYMENT LAW ISSUES FOR SUPERVISORY PERSONNEL

*Andrew Adair, Esq., Cohen Vaughan*

This course will focus on important employment issues for supervisory personnel. Learn how you, your company, or your municipality, can be held liable for employment discrimination and steps you can take to avoid it. The class will focus on helping supervisors to recognize and prevent conduct that can lead to hostile work environment claims, as well as a supervisor’s duties and responsibilities when investigating discrimination claims. Additionally, the class will explore current issues for supervisory personnel under the Fair Labor Standards Act, including classification of exempt versus non-exempt employees, and issues involving overtime and compensatory time. This interactive class is taught by an experienced municipal solicitor and employment defense attorney who will share their experiences managing employment claims.

## CE INFORMATION

Every training session offered at the conference has been submitted to the ICC for CE recognition. The PA DLI accepts ICC CE and makes no distinction between them and traditional CE. PENNBOC will email certificates of completion for each seminar. *Please ensure you provide us with a valid email address when registering.*





# CONFERENCE SCHEDULE

## Wednesday, September 17th

- 7:30am Attendee Registration & Full Breakfast
- 8:30am Morning Seminars
- 12:00pm Lunch / Business Meeting
- 1:30pm Afternoon Seminars
- 5:00pm Welcome Reception (onsite)

## Thursday, September 18th

- 7:30am Attendee Registration & Full Breakfast
- 8:30am Morning Seminars
- 12:00pm Lunch
- 1:30pm Afternoon Seminars
- 5:00pm Conference Reception (onsite)

## Friday, September 20th

- 7:30am Attendee Registration & Full Breakfast
- 8:30am Morning Seminars
- 12:00pm Conference Ends



**Register online at**  
**[www.PENNBOC.org](http://www.PENNBOC.org)**

Early Bird Deadline: Sep. 2nd  
Registration Deadline: Sep. 14th

Thank you GOLD Sponsor:



## **Virtual Course Options:**

***REGISTER ON WEBSITE ONLY***  
***Paper registration is not an option.***

***Registration for virtual classes***  
***will remain upon until the start***  
***of each webinar.***

***See website for virtual course***  
***options available.***

## **CANCELLATION POLICY**

*Written cancellation must be received 5 working days prior to event. Training or Conference registrations will be returned minus a \$25 processing fee. With less than 5 days' notice, all unrecoverable expenses are forfeited; any balance remaining may be applied to future training. No refund on balances will be made. There are no refunds for membership dues.*



# ACTIVITIES

In addition to conference education seminars, there are a number of ancillary activities that you or your guests can take advantage of while at the PENNBOC conference.

The **Mountain Activity Center at Bear Creek** is your destination for all things outdoors, from exploring our mountain trails on foot to honing your skills at our archery range. Hiking and biking trails and disc golf course is now open for the season. To use these amenities, you will either need to be a hotel guest, season pass holder or purchase a Mountain Activity Pass. Activities offered include Ax Throwing, Archery Target Shooting, Guided Side x Side Tours, Kayaking, Paddle Boats, Fishing, Mountain Bike Rentals and more.

The **Spa at Bear Creek** is a full-service day spa that offers a variety of spa services, from massages to manicures and rejuvenating facials. During your time at The Spa, you have access to our steam room, outdoor pool, hot tub, and mountain-view café. Reservations are recommended for spa appointments.

PENNBOC conference attendees interested in **golfing on Friday afternoon** should contact Matt Wojaczyk ([mwojaczyk.codeofficial@gmail.com](mailto:mwojaczyk.codeofficial@gmail.com)). The group of those that are interested will jointly select a nearby golf club.

# MEALS & RECEPTIONS

**Your conference registration includes meals and receptions throughout the event.**

All attendees are provided full hot buffet breakfast each morning at 7:30am before classes begin.

Lunches are provided to conference participants on Wednesday and Thursday.

Attendee receptions will be held at Bear Creek Resort on Wednesday & Thursday evening.



## Attendee Deadlines

Early Bird Deadline: Sep. 2nd  
Registration Deadline: Sep. 14th



**Register & pay online at [www.PENNBOC.org](http://www.PENNBOC.org)**