



NEW ENGLAND BUILDING OFFICIALS EDUCATION ASSOCIATION

% Burrillville Building Dept., 144 Harrisville Main Street, Harrisville, RI 02830

www.neboea.org



The NEBOEA Board is sponsoring the following virtual training programs on Fridays during the month of October. Take this opportunity to earn credit hours and to gain further knowledge of the subject matter. Check our [website](#) for updates.

All programs require you to register in order to receive the proper credit hours and to log-in.

October 2, 2020

Building Codes, Purpose, Process & People (3 hrs)

Glenn Mathewson; BuildingCodeCollege.com

8:30 am – 12:00 pm

Link to enrollment: <http://www.buildingcodecollege.com/webinars>

Coupon code: NEBOEAcodes

Description: This course uncovers how the code works and the people involved. It begins with some fun history leading up to the current International Codes, and follows with an enlightening explanation of how the code is developed and adopted into law. Before applying the provisions, this course lays the foundation of how to navigate the code and how the code is administered as a minimum standard. The course concludes with sessions about key players in the use of the code and offers perspective from each of them in hope for a team effort in applying the codes across our communities.

Objectives: Upon completion of this course, attendees will...

...Be introduced to some of the history of codes and how they got to be what they are today.

...Learn how the code is developed, adopted, administered, and navigated. Learn the rules of the rules.

...Gain perspective by seeing what it's like working with code behind the plans examiner's desk, through the inspector's eyes, and in the contractor's boots.

Building Codes for Basement Finish (3-hr)

Glenn Mathewson; BuildingCodeCollege.com

1:00 pm – 4:30 pm

Link to enrollment: <http://www.buildingcodecollege.com/webinars>

Coupon code: NEBOEAbasement

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, fuel-gas and electrical provisions involved with these projects will be reviewed in detail.

- Understand and identify the building components in the basement that need evaluation and consideration prior to concealment.
- Be introduced to code provisions that regulate the overall design of the finished space.
- Learn how emergency escape and rescue openings must be handled.

October 9, 2020

Good Plans Gone Bad: Typical Accessibility Issues

Dominic Marinelli

9:00 am – 10:30 am

Link to enrollment: <https://iccsafe.webex.com/iccsafe/onstage/g.php?MTID=e9f1703f3cf9eeaacb61b73ad1ed5c8a0>

The class will review typical issues in complying with the Accessibility Requirements of the International Building Code (IBC) its accessibility standard A117.1 – 2009 and 521 CMR of the Massachusetts Architectural Access Board

Fundamentals of the IEBC

Beth Tubbs, ICC Senior Staff Engineer (90-minutes)

10:30 am – 12:00 pm

Link to enrollment: <https://iccsafe.webex.com/iccsafe/onstage/g.php?MTID=eed09dce33f46772436c40e4bd9addf73>

Construction associated with existing buildings is far more complicated than for new construction. Achieving code compliance for an existing buildings as required for new construction can be very challenging and costly to meet. This is especially true for historic buildings. The International Existing Building Code is intended to provide a more reasonable way to achieve code compliance and at the same time make improvements to the safety and accessibility of structures. This class is intended to provide an overview of the structure and content of the IEBC and how it works with other applicable codes. In addition, the various compliance methods offered by the IEBC and the applicable requirements of each method will be explored.

October 16, 2020

DES625 – Principles of Fire Resistance Design, Protection of Connections, and Special Inspections

Matt Hunter, AWC.org

8:00 am – 9:30 am

Pre-registration link: <https://attendee.gotowebinar.com/register/2093820193474959117>

Changes to the 2021 International Building Code allow for construction of mass timber buildings with larger heights and areas than is currently permitted in Types III, IV, and V construction. This presentation will provide an overview of fire design of mass timber building elements and assemblies, and protection of connections. New code provisions for special inspection of tall mass timber structures will also be discussed.

Learning Objectives:

1. Identify changes to the 2021 IBC code regarding mass timber buildings heights and areas permitted in construction.
2. Define principles of fire design provisions for mass timber building elements and assemblies for new construction Types IV-A, IV-B, and IV-C.
3. Describe how to design fire protection for mass timber connections.
4. Recognize new code provisions for special inspection of tall mass timber structures.

BCD235 – Fire Protection During Construction

Matt Hunter ,AWC.org

10:15 am – 11:45 pm

Pre-registration link: <https://attendee.gotowebinar.com/register/6134188974993725965>

This 90-minute webinar will introduce attendees to several of the recent major fires and their causes, the many fire-related hazards that exist on a construction site, the International Building and Fire Code and NFPA requirements for fire protection safeguards during construction and solutions for developing simple fire safety strategies. There also will be information on building materials and construction industry efforts to reduce fire losses.

Learning Objectives:

1. Identify recent major fires and their reported causes
2. Identify the I Code regulations and linkage to NFPA 241 for fire safety during building construction alteration and demolitions
3. Develop a model fire plan for buildings under construction, alteration or demolition
4. Identify existing building materials and construction industry resources for training, education and mitigation

October 23, 2020

IPC/IMC Fundamentals

Gary Gauthier, ICC

8:30 am – 10:00 am

Link to enrollment: <https://iccsafe.webex.com/iccsafe/onstage/g.php?MTID=e8fa1b40640ae9081d556d137a1f8f517>

This 90-minute virtual presentation will concentrate on the fundamental use of both the International Plumbing Code (IPC) and the International Mechanical Code (IMC). The course will provide a fundamental understanding and use of the IPC and IMC and will include some “KEY” changes within each discipline. There will be time for Q&A during and at the end of the presentation.

October 30, 2020

Energy Conservation Construction (6-hr)

Glenn Mathewson; [BuildingCodeCollege.com](http://www.buildingcodecollege.com)

8:30 am – 4:30 pm

Link to enrollment: <http://www.buildingcodecollege.com/webinars>

Coupon code: **region6energy**

Energy conservation isn't all about insulation and the energy code. There are many ways that framing, plumbing, electrical, and other installations can enhance the energy performance of a home. Dimes add up to dollars and dollars add up to dinner, just the same, small gains in energy conservation can add up to lots of saved energy. Learn how to keep energy in mind throughout the whole construction process, long before the insulation crew arrives.

- Understand code provisions that reduce thermal bridges and increase insulation in the exterior envelope, such as single-ply and box headers, as well as single top plate construction and 24-inch-on-center wall spacing.
- Think outside the box about how various trades can enhance energy performance.
- Learn the complexities of providing certain air barriers and why they are essential to thermal performance.