

Webinar Information

Log into Webinar

8:00 - 8:30 am EDT

Break

12:00 - 12:30 pm EDT

Morning Session

8:30 am - 12:00 pm EDT

Afternoon Session

12:30 - 4:10 pm EDT

Tuition

\$319 for individual registration.

\$289 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

How to Register

- Visit us online at www.halfmoonseminars.org
- Call customer service at 715-835-5900

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

Learn More and Register:

www.halfmoonseminars.org

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Significant Changes to the 2021 International Residential Code with Special Emphasis on New Jersey

Live, Interactive Webinar - Wednesday, April 10, 2024

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HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Identify changes to definitions, understand how they affect other code sections, and define "existing building."

Identify significant changes to residential accessibility requirements and the changes made in ICC A117.1-2017.

Explain attic ventilation requirements, including newly required vapor diffusion ports in unvented attics in certain zones.

Identify sections of the IRC that were not adopted by New Jersey, including those related to storm shelters.



HalfMoon Education Live Webinars

Significant Changes to the 2021 International Residential Code with Special Emphasis on New Jersey

Live, Interactive Webinar - Wednesday, April 10, 2024



Discuss changes to definitions and how they affect other code sections in the 2021 International Residential Code

Explore separation for fire protection exterior walls and separation for fire protection interior assemblies

Examine significant changes in the ICC A117.1-2017

Consider roof mounted photovoltaic systems

Understand changes to footings and foundations

Discuss damp proofing and waterproofing changes

Analyze new sections for structural insulated panels and foam plastic sheathing

Learn of energy code changes

Continuing Education Credits

Professional Engineers

6.5 PDHs

International Code Council

0.65 CEUs (Building)

Architects

6.5 HSW CE Hours*

6.5 AIA LU | HSW

*AIA course approval is required for New Jersey architects, which is currently pending.



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Agenda

Changes to Definitions and How They Affect Other Code Sections

- NJ changes to height and area R300
- Intermodal shipping containers
- Wind and show loads, changes explained in NJ Bulletin
- Component cladding requirements
- Story height allowance changes
- Live load changes Table 301.5

Story Height Allowance Changes

- Live load changes Table 301.5
- Separation for fire protection exterior walls
- Separation for fire protection interior assemblies
- Mechanical ventilation changes
- Ceiling height changes
- Glazing and wet surfaces
- Emergency escape and rescue openings
- Stairways and ramps
- Automatic sprinkler requirements

Accessibility Changes

- | | |
|--|------------------------------|
| When required in NJ | Site plan requirements |
| Significant changes in the ICC A117.1-2017 | Calculation of percentages |
| Dimension tolerances | |
| Explanation of “existing building” | Turning |
| Clear floor space | Operable parts |
| Showers | Kitchens |
| Closets | Work surfaces |
| Sinks | Storm shelters deleted by NJ |
| Roof mounted photovoltaic systems | Habitable attics |

Footing and Foundation Changes and Damp Proofing and Waterproofing Changes

- Under floor vapor retarder increase material thickness
- Trusses
- Spans
 - Changes to steel and wood, including tables
 - Reductions based on placement
- Decks
 - Significant changes to decks in the IRC
- Significant changes to fastener requirements
- Cripple walls
- Location of braced wall lines
- Garage door changes
- Vapor retarders in walls
- Water resistive barriers
- Vinyl siding over foam plastic sheathing

Soffits

- Wall wind zones for positive and negative pressure
- Wood framing
- New sections for structural insulated panels, foam plastic sheathing
- Attic ventilation changes, including new required vapor diffusion ports in unvented attics in certain zones
- Energy code changes
- Cob construction
- 3D printed buildings
- Other IRC sections that were deleted by NJ

Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 HSW continuing education hours for licensed architects in New Jersey.

HalfMoon Education is an approved continuing education sponsor for engineers in New Jersey (Approval No. 24GP00000700).

The International Code Council has approved this event for .65 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the course for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
6.5 HSW LUs (AIA)

Additional Learning

International Residential Code 2021

- Friday, March 1, 2024 | 7:30 am - 4:00 pm EST

Residential Energy Efficiency Code Compliance and Stretch Code Requirements

- Thursday, March 7, 2024 | 9:30 am - 5:30 pm EST

Practical Fluid Mechanics

- Friday, March 8, 2024 | 9:30 am - 4:30 pm EST

Water Damage Events: Scope, Risks, and Accountability in Remediation

- Monday, March 11, 2024 | 10:00 am - 6:00 pm EDT

NFPA 99: Health Care Facilities Code

- Tuesday, March 12, 2024 | 10:00 am - 5:30 pm EDT

Wayfinding for Designers and Building Professionals

- Wednesday, March 13, 2024 | 10:00 am - 1:00 pm EDT
- Thursday, March 14, 2024 | 10:00 am - 1:00 pm EDT

Current Issues in New Urbanism

- Thursday, March 14, 2024 | 10:00 am - 5:00 pm EDT

Using RSMeans Data to Create Cost Estimates

- Friday, March 15, 2024 | 10:00 am - 5:30 pm EDT

2021 International Residential Code: Plumbing Systems

- Tuesday, March 19, 2024 | 1:00 - 5:30 pm EDT

Sustainable Site Design

- Wednesday, March 20, 2024 | 9:30 am - 5:00 pm EDT

Forensic Engineering Concepts & Case Studies

- Friday, March 22, 2024 | 8:30 am - 5:00 pm EDT

Foundation and Retaining Wall Damage and Repair: Science, Materials, and Techniques

- Friday, March 22, 2024 | 10:00 am - 5:30 pm EDT

Designing and Constructing Slab-on-Grade Foundations

- Tuesday, March 26, 2024 | 10:00 am - 1:00 pm EDT

Designing and Constructing Spread Footing Foundations

- Tuesday, March 26, 2024 | 2:00 - 5:00 pm EDT

Electrical Basics for Building Professionals: Understanding and Calculating Electrical Loads

- Tuesday, March 26, 2024 | 10:00 am - 1:15 pm EDT

Electrical Basics for Building Professionals: Residential Electrical Circuit Design

- Tuesday, March 26, 2024 | 2:00 - 5:15 pm EDT

For more information and other online learning opportunities visit:
www.halfmoonseminars.org

Faculty

Jack Boekhout

Owner, Jack A. Boekhout Consulting, LLC, New Jersey

Mr. Boekhout offers private consulting work. He is a building and accessibility codes consultant for architects, contractors, developers, engineers, and attorneys. Mr. Boekhout has been educating and presenting seminars for the New Jersey Department of Community Affairs and Rutgers University for the past 30 years.

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