

Agenda

Presented by Christina Jackson, PMO, CZA

Development and Enforcement of International Residential Code

- History of the International Residential Code 2018 (IRC)
- Adoption and enforcement of Code with Tennessee Amendments
- Recent and anticipated code amendments
- Future of the code

Building Planning and Shell Construction (Chapters 2-10)

- Definitions
- Alternative provisions and design criteria
- Wind effects and protection of openings
- Seismic provisions
- Snow loads
- Dwelling unit separations and garage separation
- Ceiling heights
- Garages and carports
- Fire and carbon monoxide safety and detection
- Foam plastic
- Accessibility
- Soils and foundations
- Walls and wall covering
- Roof assemblies
- Story height and live loads
- Fire-resistant construction and exterior walls
- Glazing
- Ingress, egress and stairways
- Wood and wood-based products
- Floods, storms and drainage
- Framing and fastening
- Roof/ceiling construction
- Fireplaces and chimneys

Energy Efficiency (Chapter 11)

- Compliance
- Climate classifications
- Insulation and fenestration
- Lighting
- Building thermal envelope
- Permanent energy certificate
- Building systems

**Mechanical, Fuel, Plumbing and Electrical Systems —
Uniform Plumbing Code (UPC) and National Electrical Code (NEC)**

- Appliance installation and exhaust systems
- Ventilation
- Fuel gas systems and appliances
- Drains
- Fire sprinkler systems
- Intersystem bonding termination
- Electrical outlets
- Pools, spas and hot tubs
- Hydronic systems
- Plumbing fixtures
- Backflow preventers, venting, sumps and ejectors
- Electrical system grounding
- Overcurrent devices
- Luminaires

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**International Residential Code
2018 with Tennessee Amendments**
Live, Interactive Webinar - Monday, February 28, 2022

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Learning Objectives

You'll be able to:

- Explore** new provisions in the International Residential Code 2018 and review Tennessee code amendments.
- Comply** with requirements for wind loads, snow loads and fire-resistance.
- Review** code provisions on ceiling heights, stairways, framing, accessibility and fireplaces.
- Comply** with requirements for energy-efficient insulation, lighting and thermal envelopes.
- Meet** requirements for fuel gas systems and appliances, as well as plumbing fixtures.
- Comply** with requirements for electrical outlets, grounding and bonding.



HalfMoon Education Live Webinars
**International
Residential Code 2018
with Tennessee Amendments**

Live, Interactive Webinar - Monday, February 28, 2022



- Learn** the history of the 2018 IRC
- Understand** amendments to the Tennessee IRC
- Discuss** energy efficiency and compliance
- Explore** requirements for foundations, garages, roofs, walls and egress
- Understand** mechanical, fuel, plumbing and electrical systems

Continuing Education Credits

- Professional Engineers**
7.0 PDHs
- Architects**
7.0 HSW CE Hours
7.0 LU | HSW
- International Code Council**
Pending



Faculty

Christina Jackson, PMO, CZA *Codes Compliance Inspector III*
Ms. Jackson began her code career in Ohio back in 2005, so her code experience spans over 20 years. Ms. Jackson currently works for the City of Newport News and is a Certified Building Maintenance Official in Virginia. She is a member of the Virginia Building Code Official Association (VBCOA) and serves as VBCOA Education Chair which provides training for all 8 regions within Virginia and its stakeholders. As the VBCOA Education Chair, Ms. Jackson is always making connections with industry and profession colleagues to offer training locally and on a state level. As of September 2015, she is a founding board member of the Women in Code Enforcement and Development Virginia chapter and has been instrumental in getting the word out about women getting recognized for their contributions to building codes and inspections. Currently Ms. Jackson is the WICED of VA President since 2019. Ms. Jackson is also a member of the Virginia Association of Zoning Officials where she is a Certified Zoning Administrator. In August 2018, Ms. Jackson was appointed by Governor Ralph Northam to the State Technical Review Board, becoming the first African American female to serve in this capacity. Ms. Jackson also sits on the Permit Tech Nation Board of Directors. In 2017, she has been an instructor at Tidewater Community College, teaching the International Residential Code BLD 115. Ms. Jackson is a naval spouse. She has served as Navy Ombudsman and is a mother of three.

Webinar Information

Log into Webinar 8:30 - 9:00 am CST	Break 12:15 - 12:45 pm CST
Morning Session 9:00 am - 12:15 pm CST	Afternoon Session 12:45 - 5:00 pm CST

Tuition
\$289 for individual registration
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How to Register

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- Mail-in or fax the attached form to 715-835-6066
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Additional Learning

Air-Source Heat Pumps, Mini-Splits, and Heat Pump Water Heaters
- Wed, Jan 26, 2022 | 12:00 - 3:30 pm CST
- Thurs, Jan 27, 2022 | 12:00 - 3:30 pm CST

Seismic Design and Construction
- Thurs, Jan 27, 2022 | 8:30 am - 5:00 pm CST

Stormwater Best Management Practices
- Thurs, Jan 27, 2022 | 8:30 am - 5:00 pm CST

Cogeneration System Principles and Practices
- Mon, Jan 31, 2022 | 8:30 am - 4:30 pm CST

2021 International Property Maintenance Code
- Wed, Feb 2, 2022 | 9:00 am - 4:00 pm CST

Passive House: Planning, Design and Construction
- Mon, Feb 7, 2022 | 8:30 am - 4:30 pm CST

Practical Fluid Mechanics
- Tues, Feb 8, 2022 | 8:30 am - 3:30 pm CST

Estimating the Cost of Sitework
- Wed, Feb 9, 2022 | 7:30 am - 3:30 pm CST

Pumping and Piping Systems
- Thurs, Feb 10, 2022 | 11:00 am - 2:15 pm CST
- Fri, Feb 11, 2022 | 11:00 am - 2:15 pm CST

Construction Contract Workshop
- Thurs, Feb 10, 2022 | 9:00 am - 5:00 pm CST

Project Management for Engineers
- Fri, Feb 11, 2022 | 8:30 am - 5:00 pm CST

Foundation Damage and Repair: Science, Materials and Techniques
- Tues, Feb 15, 2022 | 9:30 am - 5:00 pm CST

Drones in Construction
- Wed, Feb 16, 2022 | 8:30 am - 4:30 pm CST

Deep Dive into Foam Insulation
- Wed, Feb 16, 2022 | 8:30 - 10:30 am CST

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Continuing Education Credit Information
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Engineers and architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in most cases. Refer to specific state rules to determine eligibility.

The American Institute of Architects Continuing Education System has approved HalfMoon Education as a sponsor of continuing education (Sponsor No. J885). This course is approved for 7.0 LU | HSW. Only full participation is reportable to the AIA CES.

The International Code Council has approved HalfMoon Education as a Preferred Provider of continuing education (No. 1232). Course approval is pending in the specialty area of Building.

Visit this course listing at www.halfmoonseminars.org for updates on pending credits.

Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Registration

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