

Agenda

Presented by Jared Agee, MCP, CBO

Development and Enforcement of International Residential Code

- History of the International Residential Code (IRC)
- Adoption and enforcement of IRC in Tennessee
- 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 | Story height and live loads |
| Snow loads | Fire-resistant construction and exterior walls |
| Dwelling unit separations and garage separation | |
| Ceiling heights | Glazing |
| Garages and carports | Ingress, egress and stairways |
| Fire and carbon monoxide safety and detection | |
| Foam plastic | Wood and wood-based products |
| Accessibility | Floods, storms and drainage |
| Soils and foundations | Framing and fastening |
| Walls and wall covering | Roof/ceiling construction |
| Roof assemblies | Fireplaces and chimneys |

Energy Efficiency (Chapter 11)

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

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

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

International Residential Code
Memphis, TN - Tuesday, July 16, 2019



HalfMoon Education Inc.
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Altoona, WI 54720-0278

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Learning Objectives

You'll be able to:

Identify the scope and purpose of applicable residential building codes and ordinances as well as recent amendments to the building code.

Understand all of the codes, rules and regulations that affect residential building planning and construction.

Learn how to use insulation and fenestration to create energy efficient homes.

Gain an understanding of requirements that apply to sprinkler systems, ventilation systems, electrical systems and plumbing equipment.

Apply what you have learned to residential building projects.



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Explore the history of the International Residential Code

Learn about how building codes are adopted and enforced.

Discuss building planning and shell construction

Understand how to incorporate energy efficiency in building code compliance

Review residential building codes that apply to mechanical, fuel, plumbing and electrical systems

Continuing Education Credits

Professional Engineers
6.5 HSW Continuing Ed. Hours

Architects
6.5 HSW Continuing Ed. Hours
6.5 AIA HSW Learning Units

International Code Council
.65 CEUs (Building)

Tennessee Code Inspectors
6.5 Code Hours (Fire and Building)

Contractors
Non-Credit Continuing Ed.



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



Faculty

Jared Agee, MCP, CBO
Division Director of Building and Code Enforcement for St. Charles County, Missouri

Mr. Agee is the Division Director of Building and Code Enforcement for St. Charles County, Missouri. Previously, he worked in urban and suburban municipal governments managing building code enforcement, facilities, and information technology. Prior to his public sector positions, he worked in the construction industry in design and project management.

Mr. Agee has an undergraduate degree in Architectural and Mechanical Design and a graduate degree in Public Administration and Policy Analysis. As a master code professional, he is one of approximately 800 people to obtain the highest level of certification from the International Code Council.

Mr. Agee is a former President of the Missouri Association of Building Officials and Inspectors (MABOI). In addition, he founded Regimen Consulting LLC, which provides code training and technology consulting to various organizations.

Here’s what past attendees had to say about the program and presenter Jared Agee:
“Jared kept everyone engaged and answered all questions.” – *Code Enforcement Professional*
“One of the best code talks I have attended.” – *Architect/Structural Engineer*

Seminar Information

Crowne Plaza Downtown	Registration	Lunch (On your own)
300 North 2nd Street	8:00 - 8:30 am	11:45 am - 12:45 pm
Memphis, TN 38105	Morning Session	Afternoon Session
(901) 525-1800	8:30 - 11:45 am	12:45 - 4:30 pm

Tuition

\$289 for individual registration
\$269 for three or more simultaneous registrations.

Included with your registration:
Complimentary continental breakfast and printed seminar manual. Registration does not include a copy of the Code itself.

Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

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

Can’t Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at \$269. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Additional Learning

Webinar Series

International Existing Building Codes

- **Working with the International Existing Building Code**
Thurs., June 20, 2019, 11:00 AM - 12:30 PM CDT
- **Chapters 3, 4 & 6**
Thurs., June 20, 2019, 1:00 - 3:00 PM CDT
- **Chapters 7-10: Alterations and Occupancy**
Fri., June 21, 2019, 11:00 AM - 1:00 PM CDT
- **Chapters 11, 12 and 14: Additions and Historic Buildings**
Fri., June 21, 2019, 1:30 - 3:00 PM CDT

Industrial Stormwater

- **Understanding the Federal Industrial Stormwater Program**
Thurs., June 27, 2019, 11:00 AM - 12:30 PM CDT
- **Examining Stormwater Pollutants and the Development of Total Maximum Daily Loads (TMDLs)**
Thurs., June 27, 2019, 1:00 - 2:00 PM CDT
- **Creating Stormwater Pollution Prevention Plans (SWPPPs)**
Fri., June 28, 2019, 11:00 AM - 12:00 PM CDT
- **Implementing Best Management Practices (BMPs), Sampling and Reporting**
Fri., June 28, 2019, 12:30 - 2:00 PM CDT

Retaining Structures

- **Earth Pressures and Surcharges**
Wed., June 26, 2019, 11:00 AM - 12:30 PM CDT
- **Cantilever & Apparent Earth Pressures**
Wednesday, June 26, 2019, 1:00 - 2:30 PM CDT
- **Apparent Earth Pressures**
Thurs., June 27, 2019, 11:00 AM - 12:30 PM CDT

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

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours to engineers and 6.5 HSW continuing education hours to architects in most states, that are under the 2018 version of the IRC or accept continuing education coursework on it. Educators and courses are not subject to preapproval in Tennessee.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects.

The State of Tennessee Department of Commerce and Insurance, Division of Fire Prevention has approved this course for 6.5 Fire Code hours and 6.5 Building Code hours.

The International Code Council has approved this event for .65 CEUs in the specialty area of Building.

This seminar offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any state contractor licensing board for mandatory continuing education credit.

Attendance will be monitored and reported, as required. Attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Registration

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How to Register	
Online: www.halfmoonseminars.org	
Phone: 715-835-5900	
Fax: 715-835-6066	Code:
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
Complete the entire form. Attach duplicates if necessary.	
Registrant Information Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____ Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____ Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred. () I need special accommodations. Please contact me.	

Tuition	
() I will be attending the live seminar. Single Registrant - \$289.00 . Three or more registrants from the same company registering at the same time - \$269.00 each.	
() I am not attending. Please send me the self-study package: ☐ Downloadable MP3 Audio/PDF Manual for \$269.00 . ☐ CD/Manual Package for \$289.00 . (S&H included. Please allow five weeks from seminar date for delivery)	
Checks: Make payable to HalfMoon Education Inc.	
Credit Card: <i>Mastercard, Visa, American Express, or Discover</i>	
Credit Card Number: _____	
Expiration Date: _____	CVV2 Code: _____
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