

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
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
Mobile, AL - Friday, November 1, 2019



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Learning Objectives

You'll be able to:

Reference and comply with International Residential Code (IRC) provisions for ingress, egress, stairways, and fire and smoke detection.

Reference and comply with IRC provisions for residential mechanical, fuel, plumbing and electrical systems.

Reference and comply with IRC provisions for residential building envelope design and construction, including provisions on handling seismic loads, wind loads and flood loads.

Meet the requirements of IRC provisions on residential energy efficiency, including requirements for insulation, fenestration, lighting and mechanical systems.



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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 code provisions that apply to mechanical, fuel, plumbing and electrical systems

Continuing Education Credits

Professionals Engineers
7.0 PDHs

Architects
7.0 HSW CEHs
7.0 AIA LU|HSW

International Code Council
.7 CEUs (Building)

Contractors
Non-Credit Continuing Ed.



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Faculty

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

Mr. Agee is the director of building and code enforcement for St. Charles County, Missouri. Previously, he worked in urban and suburban municipal governments managing building code enforcement. 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.

Here’s what past attendees had to say about the program and about presenter Jared Agee:

“Jared was easy to follow and understand.” — *Project Manager*

“Very knowledgeable/interesting.” — *Structural Engineer*

”Very informative and enjoyable.” — *Architect*

Seminar Information

Renaissance Mobile Riverview Plaza Hotel 64 South Water Street Mobile, AL 36602 (251) 438-4000	Registration 8:00 - 8:30 am Morning Session 8:30 - 11:45 am	Lunch (On your own) 11:45 am - 12:45 pm Afternoon Session 12:45 - 5:00 pm
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Tuition
\$289 for individual registration
\$269 for three or more simultaneous registrations.

Included with your registration: *Complementary 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.

Additional Learning

Webinar Series

Component Tolerance Analysis

- **Introduction to Component Tolerance Analysis**
Thurs., Oct. 17, 2019, 11:00 AM - 12:00 PM CDT
- **Dimensional Tolerance Analysis**
Thurs., Oct. 17, 2019, 12:30 - 3:00 PM CDT
- **Application of Dimensional Tolerance Analysis**
Fri., Oct. 18, 2019, 11:00 AM - 2:15 PM CDT

National Electrical Code

- **National Electrical Code, Part I**
Tues., Oct. 22, 2019, 11:00 AM - 3:30 PM CDT
- **National Electrical Code, Part II**
Wed., Oct. 23, 2019, 11:00 AM - 3:30 PM CDT
- **National Electrical Code, Part III**
Thurs., Oct. 24, 2019, 11:00 AM - 3:30 PM CDT

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

Slope Stability and Landslide Prevention

- **Slope Movement and Mechanisms**
Thurs., Oct. 24, 2019, 11:00 AM - 1:00 PM CDT
- **Slope Stabilization Methods**
Thurs., Oct. 24, 2019, 1:30 - 3:00 PM CDT
- **Landslide Hazard and Risk Assessment**
Fri., Oct. 25, 2019, 11:00 AM - 12:00 PM CDT
- **Slope Stabilization and Landslide Mitigation**
Fri., Oct. 25, 2019, 12:30 - 2:30 PM CDT

HEC-RAS Webinar Series

- **Hydraulic Principles and Applications**
Tues., Oct. 29, 2019, 11:00 AM - 1:00 PM CDT
- **Working with the HEC-RAS User Interface**
Tues., Oct. 29, 2019, 1:30 - 3:00 PM CDT
- **Water Surface Profiling**
Thurs., Oct. 31, 2019, 11:00 AM - 1:00 PM CDT
- **Steady Flow Surface Profile Demonstrations**
Thurs., Oct. 31, 2019, 1:30 - 3:30 PM CDT

Continuing Education Credit Information

This seminar is open the public and offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in most states, including Alabama. Educators and courses are not subject to preapproval in Alabama.

This seminar is approved by the American Institute of Architects Continuing Education system for 7.0 LU|HSW (Sponsor No. J885). Only full attendance can be reported to the AIA/CES. Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing.

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

The International Code Council has approved this event for .7 CEUs in the specialty area of Building.

This program offers a non-credit continuing education opportunity to Alabama construction contractors. It has not been submitted to any state contractor licensing entity for course approval.

Attendance will be monitored, and 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.

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.

Registration

International Residential Code
Mobile, AL - Friday, November 1, 2019

How to Register		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.
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Complete the entire form. Attach duplicates if necessary.		

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: _____
Cardholder Name: _____
Billing Address: _____
City: _____ State: _____ Zip: _____
Signature: _____
Email: _____