

Agenda

Presented by Michael Nier

Development and Enforcement of International Residential Code in Alabama

- History of the International Residential Code (IRC)
- Adoption and enforcement of International Residential Code
- Recent and anticipated Code amendments
- Future of the Code

Building Planning and Shell Construction (Chapters 2-10) in Alabama

- 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

International Energy Conservation Code: Brief Alabama Requirements

IRC, Mechanical Code, and Potential Differences for 2018 Adoption

- Appliance installation and exhaust systems
- Ventilation
- Hydronic systems
- Fuel gas systems and appliances

International Residential Code
Birmingham, AL - Tuesday, February 5, 2019



Halfmoon Education Inc.
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Learning Objectives

You'll be able to:

- Learn** about the development of the International Residential Code and its adoption in Alabama.
- Explore** requirements for handling live loads and wind and seismic loads.
- Review** requirements for building envelopes, including foundations, walls, roofs and windows.
- Examine** insulation and energy efficiency requirements.
- Discuss** code requirements for ventilation, fuel gas systems, and appliance installation.



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- Understand** the development and enforcement of the International Residential Code in Alabama
- Identify** residential requirements of the International Energy Conservation Code as adopted in Alabama

- Explore** requirements for live loads, wind loads and seismic loads
- Discuss** requirements for building planning and shell construction
- Examine** requirements for ventilation, hydronic systems and fuel gas systems

Continuing Education Credits

- Professionals Engineers**
6.5 PDHs
- Architects**
6.5 HSW CEHs
6.5 AIA HSW Learning Units
- Interior Designers**
6.5 Alabama HSW CEUs

- International Code Council**
.65 CEUs (Building)
- Contractors**
Non-Credit Continuing Ed.



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Faculty

Michael Nier *Master Code Professional with Nier Building Inspections*

Mr. Nier is a master code professional and holds 38 certifications from ICC and NFPA. He has over 25 years of technical and managerial experience in both private government partnerships as well as within the traditional municipal government offices and within the construction industry. His work with various municipalities has included acting as chief building official for the startup of two cities in Georgia where he has done department set up, organization and implementation; plan review; permitting; code enforcement; field inspection; supervision of other inspections; staff reviews and employee training. Mr. Nier has served as a building official in numerous jurisdictions in Georgia, both as an interim as well as primary official. He is past vice president of Northwest Georgia Inspectors Association and a member of the Fire Sprinkler Exam Development Committee for the International Code Councils' Board for International Professional Standards. Mr. Nier has taught home inspection and code certification classes to municipal inspectors, home inspectors, remodelers and builders for over 10 years. He previously owned and operated a small "turn-key" remodeling company specializing in residential and light commercial buildings. Mr. Nier is past vice president of the Northwest Georgia Inspectors Association and a member of the Fire Sprinkler Exam Development Committee for the International Code Council.

Seminar Information

Renaissance Ross Bridge Golf Resort & Spa
4000 Grand Avenue
Birmingham, AL 35226
(205) 916-7677

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 - 4:45 pm

Tuition

\$279 for individual registration
\$259 for three or more simultaneous registrations.
Each registration includes a 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 a job description, go online to 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

- Stormwater Management Systems**
- **Stormwater Infrastructure Practices**
Weds., Dec. 19, 2018, 11:00 AM - 1:00 PM CST
 - **Infiltration Management Techniques**
Thurs., Dec. 20, 2018, 11:00 AM - 1:00 PM CST

- NFPA 70E Series**
- **NFPA 70E, Part I**
Weds., Dec. 26, 2018, 11:00 AM - 3:30 PM CST
 - **NFPA 70E, Part II**
Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST

- Seismic Design and Construction**
- **Seismology and Building Codes**
Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST
 - **Seismic Design of Building Structures**
Fri., Dec. 28, 2018, 11:00 AM - 3:30 PM CST

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

- Commercial Solar Peaker Batteries**
- **Commercial Solar Peaker Batteries, Part I**
Wed., Jan. 9, 2019, 11:00 AM - 3:15 PM CST
 - **Commercial Solar Peaker Batteries, Part II**
Thurs., Jan. 10, 2019, 11:00 AM - 2:15 PM CST

Proposal Writing
Fri., Jan. 11, 2019, 11:00 AM - 3:30 PM CDT

- Technical Writing**
- **Technical Writing Basics**
Mon., Jan. 14, 2019, 11:00 AM - 1:00 PM CST
 - **Planning Documents**
Mon., Jan. 14, 2019, 1:30 - 3:30 PM CST
 - **Writing Documents**
Tues., Jan. 15, 2019, 11:00 AM - 1:00 PM CST
 - **Revising and Editing Documents**
Tues., Jan. 15, 2019, 1:30 - 3:30 PM CST

Continuing Education Credit Information

This seminar is open the public and offers 6.5 PDHs to professional engineers, 6.5 HSW continuing education hours to architects, and 6.5 HSW CEUs to interior designers in most states, including Alabama. Educators and courses are not subject to preapproval in Alabama.

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

Professional engineers seeking continuing education credit in other states will be able to apply the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility.

The International Code Council has approved this event for .65 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 the Audio from the Live Seminar as a Self-Study Package!

An audio recording of this seminar is available for \$289. Allow four weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration

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How to Register		Registrant Information	
Online: www.halfmoonseminars.org		Name: _____	
		Company/Firm: _____	
		Address: _____	
		City: _____ State: _____ Zip _____	
Phone: 715-835-5900		Occupation: _____	
		Email: _____	
		Phone: _____	
Fax: 715-835-6066		Additional Registrants:	
Code:		Name: _____	
		Occupation: _____	
		Email: _____	
		Phone: _____	
		Name: _____	
		Occupation: _____	
		Email: _____	
		Phone: _____	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		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.	
Complete the entire form. Attach duplicates if necessary.			
		() I need special accommodations. Please contact me.	

Tuition

- () **I will be attending the live seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.
- () **I am not attending.** Please send me the self study package for **\$289.00**.
- ☐ Downloadable MP3 Audio/PDF Manual
- ☐ CD/Manual Package
- (Please allow four weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CVV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____