

Agenda

Presented by Greg Clark

Development and Enforcement of International Residential Code

History of the International Residential Code (IRC)
Adoption and enforcement of IRC in Oklahoma
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 (Chapters 12-43)

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

Oklahoma City, OK - Tuesday, September 10, 2019



HalfMoon Education Inc.
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Learning Objectives

You'll be able to:

- Learn** about the development of the International Residential Code.
- Explore** requirements for handling live loads and wind and seismic loads.
- Review** code provisions on building envelopes, including foundations, walls, roofs and windows.
- Examine** insulation and energy efficiency requirements.
- Discuss** mechanical, fuel, plumbing and electrical systems.
- Comply** with code provisions on fire resistance and fire protection.



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Explore the history of the International Residential Code
Comply with code provisions on soils and foundations
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

Professional Engineers
7.0 PDHs

Contractors
Non-Credit Continuing Ed.

Architects & Interior Designers*
7.0 HSW CEUs
7.0 AIA LU|HSW

International Code Council
.7 CEUs (Building)



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Faculty

Greg Clark *Building Inspector with the City of Norman, OK*

Mr. Clark has over 10 years of experience as a combination building inspector with the City of Norman, Oklahoma, where he regularly performs inspections ranging from single family construction to large commercial projects. In this role he has also given presentations on new code changes as well as developed an ordinance for the adoption of a new set of codes. Mr. Clark is also an adjunct instructor at the Moore Norman Technology Center, where he developed a 36-hour course on General Contractor Residential Construction, which he has taught twice a year since 2009. From March to November 2015 Mr. Clark served on the Oklahoma Uniform Building Code Commission as a member of the Residential Technical Committee, whose task was to review the 2015 International Residential Code Chapters 1-11 and provide recommendations to the Commission. While serving on the committee he co-authored Chapter 11 (Energy Efficiency) and coordinated with other committee members and various stake holders to produce a Residential Energy Code for Oklahoma that is both functional and a solid standard for future homeowners

Seminar Information

Ambassador Hotel Oklahoma City	Registration	Lunch (On your own)
1200 North Walker Avenue	8:00 - 8:30 am	11:45 am - 12:45 pm
Oklahoma City, OK 73103	Morning Session	Afternoon Session
(405) 600-6200	8:30 - 11:45 am	12:45 - 5:00 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

Shallow Foundations

- **Evaluating Building Sites**
Thurs., July 25, 2019, 11:00 AM - 12:30 PM CDT
- **Shallow Foundation Design**
Thurs., July 25, 2019, 1:00 - 2:30 PM CDT
- **Special Considerations in Foundation Design and Construction**
Fri., July 26, 2019, 11:00 AM - 12:30 PM CDT
- **Soil Improvement and Foundation Diagnosis and Repair**
Fri., July 26, 2019, 1:00 - 2:30 PM CDT

Foundation Damage and Repair

- **Science of Structures and Soils**
Tues., July 30, 2019, 11:00 AM - 12:30 PM CDT
- **Foundation Design and Construction**
Tues., July 30, 2019, 1:00 - 2:30 PM CDT
- **Diagnosing Foundation and Slab Damage and Evaluating Repair Methods**
Wed., July 31, 2019, 11:00 AM - 12:30 PM CDT
- **Diagnosing Basement Wall Damage and Evaluating Repair Methods**
Wed., July 31, 2019, 1:00 - 2:30 PM CDT

Off-grid Master Class

- **Off-grid Master Class, Part I**
Thurs., August 1, 2019, 11:00 AM - 2:15 PM CDT
- **Off-grid Master Class, Part II**
Fri., August 2, 2019, 11:00 AM - 2:15 PM CDT

Stormwater Infiltration

- **Infiltration and Soil: Water Science**
Thurs., August 8, 2019, 11:00 AM - 12:30 PM CDT
- **Infiltrating Stormwater and Maximizing Infiltration**
Thurs., August 8, 2019, 1:00 - 2:30 PM CDT
- **Improving Infiltration with Low Impact Development Techniques**
Fri., August 9, 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 7.0 PDHs to professional engineers and 7.0 HSW CEUs/continuing education hours to architects* in Oklahoma. This course also offers Oklahoma interior designers* 7.0 HSW CEUs. Educators and courses are not subject to pre-approval in Oklahoma.

This seminar is approved by the American Institute of Architects 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 information under this course listing.

Architects and engineers seeking continuing education credit in other states will be able to claim 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 .7 CEUs in the specialty area of Building.

This course also offers a non-credit continuing education opportunity to construction contractors.

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.

*Oklahoma rules require course providers to verify the identity of architects and interior designers and prohibit course participants from earning partial credit. Please provide photo identification at the seminar.

Registration

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How to Register	
Online: www.halfmoonseminars.org	
Phone: 715-835-5900	
Fax: 715-835-6066	Code:
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Complete the entire form. Attach duplicates if necessary.	
Registrant Information	
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Name: _____	
Occupation: _____	
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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: _____	
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