Learning Objectives

You’ll be able to:

Comply with International Residential Code (IRC) provisions for residential shell design, including provisions on wind resistance, seismic design, snow loads, and fire resistance.

Explore IRC provisions on foundations, framing, walls, roofs, and garages.

Reference IRC requirements for residential mechanical, fuel, plumbing and electrical systems.

Comply with IRC requirements for residential energy efficiency, including insulation, fenestration, building thermal envelope, building systems and lighting.

Understanding the development and enforcement of the International Residential Code

Identify energy efficiency requirements

Examine building planning and shell construction

Discuss the future of the code

Continuing Education Credits

- Professional Engineers: 7.0 PDHs
- Architects: 7.0 HSW CEUs/CE Hours
- International Code Council: 7 CEUs (Building)
- Contractors: Non-Credit Continuing Ed.

Presented by Joseph Iliff, CBO

International Residential Code (IRC) adoption and enforcement in Missouri

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
- 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

- 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
Faculty

Joseph Iliff, CBO Building Official for City of Republic, Missouri

Mr. Iliff is the building official for the City of Republic, Missouri. For more than 20 years, he has served as city planner, building inspector, and building official for various cities in Indiana, Texas, and Missouri. Mr. Iliff earned undergraduate degrees in Urban Planning & Development and Environmental Design from Ball State University. He has earned certifications as a city planner, code enforcement officer, and floodplain manager. He currently holds the residential combination inspector and certified building official certifications from the International Code Council.

Seminar Information

Courtyard Springfield Airport
5327 West Kearney
Springfield, MO 65803
(417) 869-6700

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

Registration
8:00 - 8:30 amRegistration
Morning Session
8:30 - 11:45 am

Lunch (On your own)
11:45 am - 12:45 pm
Afternoon Session
12:45 - 5:00 pm

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
Geothermal Heating and Cooling
• Thermodynamic Basics of Geothermal Systems
  Thurs., Jan. 9, 2020, 11:00 AM - 12:00 PM CST
• Understanding Earth Loop Systems
  Thurs., Jan. 9, 2020, 1:30 - 2:00 PM CST
• Choosing and Designing Geothermal Systems
  Fri., Jan. 10, 2020, 9:00 AM - 12:00 PM CST
• Evaluating and Maintaining Geothermal Systems
  Fri., Jan. 10, 2020, 12:30 - 2:00 PM CST

Off-Grid Master Class
• Part I
  Wed., Jan. 22, 2020, 11:00 AM - 2:15 PM CST
• Part II
  Thurs., Jan. 23, 2020, 11:00 AM - 2:15 PM CST

Introduction to the World of BIM and the Revit Basics
• BIM and Revit Overview
  Wed., Jan. 29, 2020, 11:00 AM - 12:30 PM CST
• Revit Model Building and Elements
  Wed., Jan. 29, 2020, 1:00 - 5:00 PM CST
• Creating Sheets in Revit
  Thurs., Jan. 30, 2020, 11:00 AM - 12:30 PM CST
• Revit Drafting and 3D Model Management
  Thurs., Jan. 30, 2020, 1:00 - 5:00 PM CST

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 most states, including Missouri. Educators and courses are not subject to preapproval in Missouri.

This seminar is approved by the American Institute of Architects Continuing Education System for 7.0 LU/HSW (Provider No. J885). Only full attendance is reportable 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 licensed in Florida, Indiana (License No. CE2100059), Maryland, New Jersey (Approval No. 24G0003700), 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 (Preferred Provider No. 1232). This course offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any state contractor licensing entity for mandatory continuing education credit.

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.

Registration
International Residential Code
Springfield, MO - Thursday, February 20, 2020

How to Register

Online:
www.halfmoonseminars.org

Phone:
715-835-5900

Fax:
715-835-6066

Mail:
HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278

Complete the entire form. Attach duplicates if necessary.

I am 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
  [ ] USB/Manual Package $289.00. (SH&I included. Please allow five weeks from seminar date for delivery)

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