

Agenda

Presented by Robert J. Schutz

Development and Enforcement of International Residential Code

- 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)

- 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
- Framing and fastening
- Soils and foundations
- Roof/ceiling construction
- Walls and wall covering
- Fireplaces and chimneys
- Roof assemblies

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

Significant Changes Between the 2015 to 2018 IRC

International Residential Code 2015
Columbia, MD - Tuesday, July 10, 2018



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Learning Objectives

You'll be able to:

Discuss the International Residential Code's adoption and enforcement in the state of Maryland.

Identify code requirements for the building shell, including foundations, floors, walls, ceilings and roofs.

Define energy efficiency requirements and evaluate various compliance methods.

Enhance your understanding of requirements for fire safety and detection systems.

Consider significant changes between the 2015 to 2018 code.



International Residential Code 2015

Columbia, MD - Tuesday, July 10, 2018



Review the adoption and enforcement of the International Residential Code (IRC)

Examine code requirements for building planning and shell construction

Learn about requirements for mechanical fuel, plumbing and electrical systems

Discuss energy efficiency requirements and compliance methods

Explore significant changes between the 2015 and 2018 code

Continuing Education Credits

Professional Engineers
7.0 PDHs (MD Category A)

Architects
7.0 HSW LUs/CE Hours
7.0 AIA HSW Learning Units

International Code Council
.7 CEUs (Building)

Contractors
Non-Credit Continuing Ed.



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Faculty

Robert J. Schutz *Assistant Chief Building Official with the City of Columbus*

Mr. Schutz is the assistant chief building official with the City of Columbus, Ohio. He was previously a senior staff engineer in product development with the International Code Council after several years as their manager of instructors in the ICC Training & Education Department. He has also served as an assistant architect administrator at the Ohio Board of Building Standards. While with the State of Ohio, he oversaw the new Residential Code of Ohio program, including certification of local residential code departments and personnel. His varied previous experiences include active military service during the 1980s as an Army Corps of Engineers (ACE) officer; building code enforcement for several central Ohio jurisdictions, including ten years as chief building official (CBO) for the City of Powell where he also served as city engineer and director of public services; and chief engineer for the Ohio Department of Health, where he chaired the state’s plumbing advisory board, was chief of plumbing and was a voting member on the Ohio Board of Building Standards.

Here’s what past attendees had to say about the program and presenter Robert J. Schutz:

“Excellent delivery of information. Kept discussion interesting and helpful.” – *Engineer*

“Bob is not only very qualified, but also very engaging. Great instructor!” – *Architect*

“Very effective overview from the perspectives of a code official, engineer and code writer.” – *Professional Engineer*

Seminar Information

Sheraton Columbia Town Center Hotel
10207 Wincopin Circle
Columbia, MD 21044
(410) 730-3900

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

Tuition

\$279 for individual registration

\$259 for three or more 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 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 CD/manual

Can’t Attend? Order the CD/Manual Package:

An audio recording of this seminar is available for \$289 (including shipping). Allow five 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.

Additional Learning

Webinar Series

National Electrical Code: Onsite Power Generation and Distribution

- **National Electric Code: Onsite Power Generation and Distribution Part 1**
Weds., June 6, 2018, 11:00 AM - 2:15 PM CDT
- **National Electric Code: Onsite Power Generation and Distribution Part 2**
Thurs., June 7, 2018, 11:00 AM - 2:15 PM CDT

HVAC Series

- **Heating, Ventilation and Air Conditioning Principles**
Thurs., June 7, 2018, 11:00 AM - 1:00 PM CDT
- **HVAC System Design Considerations**
Thurs., June 7, 2018, 1:30 - 2:30 PM CDT
- **Evaluating HVAC Systems and Equipment**
Fri., June 8, 2018, 11:00 AM - 12:00 PM CDT
- **HVAC System Controls and Techniques**
Fri., June 8, 2018, 12:30 - 2:30 PM CDT

Introduction to Vibrations

- **Introduction to Vibrations**
Thurs., June 14, 2018, 11:00 AM - 1:00 PM CDT
- **Eigenvalues, Eigenvectors and Motion**
Thurs., June 14, 2018, 1:30 - 3:00 PM CDT
- **Analysis and Test Methods**
Fri., June 15, 2018, 11:00 AM - 12:30 PM CDT
- **Designing for Vibration and Failure Analysis**
Fri., June 15, 2018, 1:00 - 2:30 PM CDT

Pedestrians and Bicycle Transport Planning

- **Introduction to Current Conditions and Trends in Biking and Walking**
Thurs., June 21, 2018, 11:00 AM - 12:30 PM CDT
- **Engineering and Infrastructure: Design for Walkability and Bikeability**
Thurs., June 21, 2018, 1:00 - 2:30 PM CDT
- **Developing a Walking and Biking Plan, Part I**
Fri., June 22, 2018, 11:00 AM - 12:30 PM CDT
- **Developing a Walking and Biking Plan, Part II**
Fri., June 22, 2018, 1:00 - 2:30 PM CDT

Structural Forensic Engineering

- **Introduction to the forensic Engineering Process**
Thurs., June 28, 2018, 11:00 AM - 1:00 PM CDT
- **Causes and Failures and the Forensic Engineering Report**
Thurs., June 28, 2018, 1:30 - 3:30 PM CDT
- **Forensic Examination of Structures and Use in Litigation**
Fri., June 29, 2018, 11:00 AM - 1:00 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

Registration

International Residential Code 2015

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Complete the entire form. Attach duplicates if necessary.	
	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.
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Tuition

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() **I am not attending.** Please send me the CD manual package for **\$289.00**. (S&H included. Please allow five weeks from seminar date for delivery)

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