

Agenda

Presented by Robert J. Schutz

Development and Enforcement of the Residential Code of Ohio (RCO)

History of the International Residential Code (IRC)
Adoption and enforcement of the Residential Code of Ohio
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

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

Residential Code of Ohio

Dayton, OH - Thursday, January 17, 2019



Halfmoon Education Inc.
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Learning Objectives

You'll be able to:

Understand recent changes to the Residential Code of Ohio and prepare for upcoming amendments.

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

Define energy efficiency requirements related to the building thermal envelope, insulation and fenestration.

Comply with code requirements for mechanical, fuel gas, plumbing and electrical systems.

Discuss requirements for special appliances, equipment and systems.



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Receive an introduction to the Residential Code of Ohio (RCO)

Learn about new amendments to the code coming in 2019

Understand code requirements for building planning and shell construction

Discuss code compliance considerations related to energy efficiency

Explore code requirements for mechanical, fuel gas, plumbing and electrical systems

Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW Continuing Ed. 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 and was previously a senior staff engineer with the International Code Council in product development 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

Courtyard Dayton - University of Dayton	Registration	Lunch (On your own)
2006 Edwin C. Moses Blvd.	8:00 - 8:30 am	11:45 am - 12:45 pm
Dayton, OH 45417	Morning Session	Afternoon Session
(937) 220-9060	8:30 - 11:45 am	12:45 - 5:00 pm

Tuition

\$279 for individual registration

\$259 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 (CDT), 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

Residential Energy Code

- **Introduction to the Residential Energy Code and Mandatory Requirements**
Thurs., Dec. 6, 2018, 11:00 AM - 12:30 PM CST
- **IECC Residential Building Envelope Requirements**
Thurs., Dec. 6, 2018, 1:00 - 2:30 PM CST
- **IECC Residential HVAC Requirements**
Fri., Dec. 7, 2018, 11:00 AM - 12:30 PM CST
- **International Energy Conservation Permit Pathways**
Fri., Dec. 7, 2018, 1:00 - 2:30 PM CST

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/

Deep Foundations

- **Deep Foundation Site Evaluation**
Weds., Dec. 12, 2018, 11:00 AM - 12:00 PM CST
- **Overview of Deep Foundations**
Weds., Dec.12, 2018, 12:30 - 2:00 PM CST
- **Deep Foundation Pile Design**
Thurs., Dec. 13, 2018, 11:00 AM - 12:30 PM CST
- **Deep Foundation Installation and Testing**
Thurs., Dec. 13, 2018, 1:00 - 2:00 PM CST

Continuing Education Credit Information

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

This seminar is approved by the American Institute of Architects for 7.0 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported to the AIA/CES.

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

This course offers a non-credit continuing education opportunity to contractors. It has not been approved by any state contractor licensing entity for licensing maintenance.

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!

A full recording of this seminar is available for \$289, which includes shipping and handling. This learning method does not qualify for the continuing education requirements of Ohio engineers, architects, or ICC and AIA members. Please allow five weeks from the seminar date for delivery.

Registration

Residential Code of Ohio

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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.
Online: www.halfmoonseminars.org		
Phone: 715-835-5900		
Fax: 715-835-6066	Code:	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		
Complete the entire form. Attach duplicates if necessary.		

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: _____

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