

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

Online - Wednesday, September 23, 2020



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Learning Objectives

You'll be able to:

- Understand** the development and enforcement of the Residential Code of Ohio (RCO).
- Identify** requirements for story height, live loads, snow loads and fire resistance.
- Comply** with requirements for foundations, framing, roofs and garages.
- Learn** about energy efficiency under the RCO.
- Explore** mechanical, fuel, plumbing, and electrical systems.

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- Comply** with Residential Code of Ohio provisions on building envelope, ingress, egress, stairways, accessibility and roof assemblies
- Reference** residential Code of Ohio provisions on mechanical, fuel, plumbing and electrical systems
- Comply** with Residential Code of Ohio requirements on wind resistance, seismic design and fire-resistant construction
- Identify** Code energy efficiency requirements for insulation, fenestration, thermal envelope, building systems and lighting

Continuing Education Credits

Professional Engineers 7.0 PDHs	AIA 7.0 LU HSW
Architects 7.0 HSW CE Hours	International Code Council .7 CEUs (Building)



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Robert J. Schutz *Consulting Engineer & Code Instructor*

Robert J. Schutz is a recently retired building official with the City of Columbus, Ohio. He 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.

Webinar Information

Log into Webinar 8:00 - 8:30 am EDT	Break 11:45 am - 12:45 pm EDT
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Tuition
\$299 for individual registration
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Included with your registration: *PDF seminar manual.*
Registration does not include a copy of the Code itself.

How to Register

- Visit us online at www.halfmoonseminars.org
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Additional Learning

Current Issues in Sustainable Site Design Erosion and Sediment Control

- Mon., Sept. 14, 2020 | 11:00 am - 1:00 pm CDT
- Tues. Sept. 15, 2020 | 11:00 am - 1:00 pm CDT
- Wed., Sept. 16, 2020 | 11:00 am - 2:00 pm CDT
- Thurs., Sept. 17, 2020, 11:00 am - 2:00 pm CDT

Stormwater Basins and Underground Systems

- Mon., Sept. 14, 2020 | 12:00 pm – 4:00 pm CDT
- Tues. Sept. 15, 2020 | 12:00 pm – 3:30 pm CDT
- Wed., Sept. 16, 2020 | 10:00 am - 2:00 pm CDT
- Thurs., Sept. 17, 2020 | 10:00 am - 2:00 pm CDT

Wastewater Collection and Treatment System Design

- Mon., Sept. 14, 2020 | 10:00 am - 1:30 pm CDT
- Tues. Sept. 15, 2020 | 10:00 am - 1:30 pm CDT
- Tues., Sept. 22, 2020 | 8:00 am - 12:05 pm CDT

Small Commercial Solar Photovoltaic Energy Systems

- Tues., Sept. 15, 2020 | 8:30 am - 3:50 pm CDT
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Continuing Education Credit Information

This webinar 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.

The American Institute of Architects Continuing Education System has approved this course for 7.0 LU|HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES. Visit www.halfmoonseminars.org for complete AIA/CES course information.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

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Registration

Residential Code of Ohio

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