

Agenda

Presented by Wendy Talarico

General Administration of the Code

- Code history and development
- Code adoption and enforcement in New Jersey (2015 IECC)
- Scope and general requirements
- Inspections
- Referenced standards

IECC Residential Chapters 2-3

- Definitions
- Climate zones
- Materials, systems and equipment

Code Compliance Alternatives

- ResCheck
- Performance-based compliance
- Energy rating index compliance alternative

Chapter 4: Residential Energy Efficiency

- Building thermal envelope
 - Insulation requirements
 - Fenestration requirements
- R-values and U-factor alternatives
- Prescriptive insulation:
 - Ceilings, access doors
 - Mass walls, basement walls, sunrooms
 - Slab-on-grade floors
- Prescriptive fenestration:
- Air leakage and testing
- Fireplaces and fuel-burning appliances

Chapter 4: Heating and Cooling Systems

- Control systems
- Ductwork insulation and sealing
- Service hot water systems
- Mechanical ventilation systems
- Pools and spas

Chapter 4: Electrical Power and Lighting Systems

- Power systems
- Lighting systems

Chapter 5: Existing Buildings

- Building additions
- Making building alterations
- Building repairs and maintenance
- Change of occupancy

Residential Provisions of the International Energy Conservation Code (IECC)

Cherry Hill, NJ - Thursday, January 30, 2020



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

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Learning Objectives

You'll be able to:

Comply with the International Energy Conservation Code's (IECC's) provisions for residential building envelopes, including requirements for foundations, insulation, fenestration, and air leakage and testing.

Comply with the IECC's provisions for residential HVAC systems, including requirements for control systems, ductwork insulation, service hot water and mechanical ventilation.

Meet the requirements of IECC's residential provisions for electrical power systems and lighting systems.

Apply IECC residential provisions to existing buildings, including requirements for building additions, alterations and repairs.



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Understand the general administration of the residential provisions of the International Energy Conservation Code

Identify code compliance alternatives

Examine IECC residential chapters 2 and 3 on climate zones, materials and equipment

Learn about residential energy efficiency requirements for building thermal envelopes

Explore heating and cooling systems, electrical power, and lighting systems

Discuss requirements for existing buildings

Continuing Education Credits

Professional Engineers
7.0 CPC Credits/PDHs

Architects
7.0 HSW Continuing Ed. Hours
7.0 AIA LU|HSW

International Code Council
.7 CEUs (Building)

Contractors
Non-Credit Continuing Ed.



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Faculty

Wendy Talarico, LEED AP

Ms. Talarico is a code advocate, instructor and writer. She has more than 25 years of experience working with architects, engineers, designers, contractors and owners. Her areas of expertise include building energy, sustainability issues, and codes, including the IECC, ASHRAE 90.1, ADA, IEBC, and IgCC. She frequently provides all-day code presentations and webinars for HalfMoon Education, Urban Green, the Institute for Building Technology and Standards, and Newport Partners.

Seminar Information

Holiday Inn Philadelphia-Cherry Hill 2175 West Marlton Pike Cherry Hill, NJ 08002 (856) 663-5300	Registration 8:00 - 8:30 am Morning Session 8:30 am - 12:00 pm	Lunch (On your own) 12:00 - 1:00 pm Afternoon Session 1:00 - 5:00 pm
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Tuition

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

Included with your registration:
Complimentary continental breakfast and printed seminar manual.

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

International Green Construction Code

- **Introduction to the International Green Construction Code (IgCC)**
Wed., Dec. 11, 2019, 11:00 AM - 12:30 PM CST
- **IgCC Chapters 4-5: Site Development and Material Use**
Wed., Dec. 11, 2019, 1:00 - 2:30 PM CST
- **IgCC Chapters 6-9: Energy, Water, Environmental Quality and Building Commissioning**
Thurs., Dec. 12, 2019, 11:00 AM - 12:30 PM CST
- **IgCC Chapters 10-11: Existing Buildings**
Thurs., Dec. 12, 2019, 1:00 - 2:30 PM CST

Current Issues in Sustainable Site Design

- **Focus on Sustainability: Light Pollution Reduction**
Tues., Dec. 17, 2019, 11:00 AM - 12:00 PM CST
- **Key Concepts in Ecology for Site Design**
Tues., Dec. 17, 2019, 12:15 - 1:15 PM CST

- **Applying Ecological Concepts to Landscape Architecture and Site Design**
Tues., Dec. 17, 2019, 1:30 - 3:30 PM CST
- **Population Biology, Habitats and Successional Planning**
Wed., Dec. 18, 2019, 11:00 AM - 12:00 PM CST
- **Designing Stormwater Facilities for Function and Performance with Maintenance in Mind**
Wed., Dec. 18, 2019, 12:30 - 2:30 PM CST

Seismic Design of Buildings

- **Part I**
Wed., Dec. 18, 2019, 11:00 AM - 3:30 PM CST
- **Part II**
Thurs., Dec. 19, 2019, 11:00 AM - 3:30 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 CPC credits/PDHs to professional engineers and 7.0 HSW continuing education hours to architects licensed in all states.

HalfMoon Education is an approved continuing education provider for New Jersey engineers (Approval No. 24GP00000700).

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, North Carolina, and North Dakota.

HalfMoon Education is deemed a New York-approved continuing education provider for engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Courses approved by the AIA/CES qualify for New Jersey architects.

This event has been approved by the American Institute of Architects Continuing Education System for 7.0 HSW Learning Units (Sponsor No. J885). Only full attendance is reportable to the AIA/CES. Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing.

Courses approved by the AIA/CES qualify for New Jersey architects.

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

This seminar also offers a non-credit education opportunity to contractors. It has not been approved in any state which has a contractor continuing education requirement.

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

Residential Provisions of the International Energy Conservation Code (IECC) - Cherry Hill, NJ - Thursday, January 30, 2020

How to Register		Registrant Information	
Online: www.halfmoonseminars.org		Name: _____	
Phone: 715-835-5900		Company/Firm: _____	
Fax: 715-835-6066	Code:	Address: _____	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		City: _____ State: _____ Zip: _____	
Complete the entire form. Attach duplicates if necessary.		Occupation: _____	
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		Occupation: _____	
		Email: _____	
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		Occupation: _____	
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		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**. ☐ USB/Manual Package **\$289.00**. (S&H included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

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