

Agenda

Presented by Wendy Talarico, LEED AP

General Administration of the Code

- Code history and development
- Development of the International Energy Efficiency Code 2018
- Adoption in Massachusetts with amendments
- 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
- Energy modeling

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 Massachusetts Energy/Stretch Conservation Code

Live, Interactive Webinar - Wednesday, April 28, 2021

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Learning Objectives

You'll be able to:

Discuss the adoption of the International Energy Efficiency Code 2018 in Massachusetts

Investigate options for achieving code compliance, including REScheck, prescriptive compliance, and energy rating index compliance.

Explore the process of energy modeling.

Examine compliance options for insulation and fenestration requirements.

Comply with requirements for HVAC systems and controls.

Identify requirements for electrical power and lighting systems.

Meet code requirements for additions, alterations and repairs to existing buildings.



HalfMoon Education Online Learning Residential Provisions of the Massachusetts Energy/ Stretch Conservation Code

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Discuss the adoption of the International Energy Efficiency Code 2018 in Massachusetts

Explore prescriptive and performance-based code compliance

Comply with requirements for insulation and fenestration

Meet requirements for HVAC, electrical power and lighting systems

Identify code requirements for existing buildings

Continuing Education Credits

Professional Engineers
Non-Credit CE

Architects
7.0 HSW CE Hours

AIA
7.0 LU | HSW

International Code Council
.7 CEUs (Energy)

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Faculty

Wendy Talarico, LEED AP

Ms. Talarico is an ICC-certified energy and green code plan reviewer. She works as a third-party plan reviewer and consults with architects and engineers to provide energy and green code guidance. She is an instructor for Urban Green/New York State Energy Research and Development Authority’s “Crushing the Code”, an 8-hour energy code class in New York State. Ms. Talarico is a former member of the engineering outreach team for the Brick Industry Association.

Webinar Information

Log into Webinar 8:00 - 8:30 am EDT	Break 12:00 - 1:00 pm EDT
Morning Session 8:30 am - 12:00 pm EDT	Afternoon Session 1:00 - 5:00 pm EDT

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Additional Learning

Introduction to Green Infrastructure

- Wed, Mar 17, 2021 | 11:00 am - 2:30 pm CDT
- Thurs, Mar 18, 2021 | 11:00 am - 2:30 pm CDT

Residential Provisions of the International Energy Conservation Code (IECC)

- Wed, Mar 17, 2021 | 8:30 am - 5:00 pm CDT

Bioretention System Design

- Fri, Mar 19, 2021 | 10:00 am - 12:00 pm CDT

Drones in Construction

- Mon, Mar 22, 2021 | 10:00 am - 4:50 pm CDT

Preventing and Addressing Construction Defects and Failures

- Tues, Mar 23, 2021 | 11:00 am - 2:15 pm CDT
- Wed, Mar 24, 2021 | 11:00 am - 3:15 pm CDT

Passive House: Planning and Design

- Tues, Mar 23, 2021 | 8:30 am - 4:30 pm CDT

Stormwater Best Management Practices

- Thurs, Mar 25, 2021 | 8:30 am - 5:00 pm CDT

Designing for Climate Resilience

- Thurs, Mar 25, 2021 | 11:00 am - 2:45 pm CDT
- Fri, Mar 26, 2021 | 11:00 am - 2:45 pm CDT

Slope Stabilization and Landslide Prevention

- Fri, Mar 26, 2021 | 8:30 am - 3:30 pm CDT

Composite Steel, Concrete and Mass Timber Buildings

- Fri, Mar 26, 2021 | 9:00 am - 4:25 pm CDT

Handling Ethical Issues in Construction Contracting

- Fri, Mar 26, 2021 | 10:00 - 11:00 am CDT

Complying with Fair Housing Act Accessibility Requirements

- Tues, Mar 30, 2021 | 8:30 am - 4:45 pm CDT

Special Inspections under the International Building Code Chapter 17

- Tues, Mar 30, 2021 | 9:00 am - 4:00 pm CDT

For more information and other online learning opportunities visit: www.halfmoonseminars.org

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

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

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

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Registration

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