

Agenda

Presented by Arthur Pakatar, LEED

General Administration of the Code

- Code history and development
- Development of the International Energy Conservation Code
- Adoption in New York State with amendments
- Stretch Code in New York State
- Scope and general requirements
- Inspections

Stretch Code In New York State

- Definitions climate zonesMaterials, systems, and equipment

IECC Residential Chapters 2-3

- Definitions climate zonesMaterials, systems, and equipment

Code Compliance Alternatives

- ResCheckPerformance-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 systemsDuctwork insulation and sealing
- Service hot water systemsDuct leakage testing
- Mechanical ventilation systemsPools and spas

Chapter 4: Electrical Power and Lighting Systems

- Power systemsLighting systems

Chapter 5: Existing Buildings

- Building additionsMaking building alterations
- Building repairs and maintenanceChange of occupancy

Residential Provisions of the 2020 Energy Conservation Construction Code of New York State
Live, Interactive Webinar - Friday, May 17, 2024

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Learning Objectives

You'll be able to:

Discuss New York State's adoption of the International Energy Conservation Code with amendments.

Explore the provisions of New York State's stretch code.

Evaluate code compliance alternatives.

Meet energy code requirements for energy-efficient building thermal envelopes.

Explore code requirements for energy-efficient heating and cooling systems.

Comply with energy code requirements for existing buildings, building additions and building alterations.



HalfMoon Education Inc.,
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Residential Provisions of the 2020 Energy Conservation Construction Code of New York State

Live, Interactive Webinar - Friday, May 17, 2024



Examine general administration of the residential provisions 2020 Energy Conservation Construction Code of New York State

Explore the Stretch Code for New York State

Discuss materials, systems, and equipment of IECC Residential Chapters 2 & 3

Continuing Education Credits

Professional Engineers
7.0 PDHs

Architects
7.0 HSW CE Hours
7.0 AIA LU|HSW

Learn about code compliance alternatives

Analyze the building thermal envelope, including insulation and fenestration requirements

Examine Chapter 4 of the IECC and discuss heating and cooling, electrical power, and lighting systems

Get Tips for making existing building alterations in Chapter 5



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Webinar Information

Online - Friday, May 17, 2024

Log into Webinar 8:00 - 8:30 am EDT	Break 11:55 am - 12:25 pm EDT
Morning Session 8:30 - 11:55 am EDT	Afternoon Session 12:25 - 4:20 pm EDT

Tuition
\$339 for individual registration.
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Faculty

Arthur Pakatar, LEED Green Associate, CEA
Mr. Pakatar is the principal of The Pakatar Group, a firm dedicated to the built environment. He is an industry veteran with several years of experience teaching home performance and construction-related topics. Mr. Pakatar holds certifications from the International Code Council, the Association of Energy Engineers, the Building Performance Institute, the U.S. Green Building Council and RESNET. He is a certified code enforcement officer in New York State and holds the energy code inspector and plans examiner credentials with ICC. Over the past 10 years Mr. Pakatar has prepared and delivered training to code enforcement officers, design professionals and other construction industry stakeholders throughout the Northeast and Mid-Atlantic regions. He has taught throughout the United States. Having participated in creating protocols on several pertinent topics, Mr. Pakatar is considered a subject matter expert on those topics.

Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed architects in New York.

HalfMoon Education is deemed an approved continuing education sponsor for New York 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)).

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

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

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits
The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and does not qualify in New York, as this format lacks immediate instructor interaction. The following pre-approvals may be available for the on-demand format upon request:
7.0 HSW LUs (AIA)

Additional Learning

Current Issues in New York Stormwater Management
Online | Wednesday, May 22, 2024 | 9:00 am - 4:00 pm EDT

Credits: Engineers: 6.0 PDHs | Architects: 6.0 HSW CE Hours | AIA: Pending
Landscape Architects: 6.0 HSW CE Hours | LA CES: Pending
Floodplain Mangers: 6.0 ASFPM CECs

Agenda Topics:

- New York Department of Environmental Conservation Regulatory Update
- The Five Principles of Construction Stormwater Management
- Extreme Precipitation and Flooding
- Urban Stormwater Resiliency and Change in Climate
- Multi-Functional Stormwater Management
- ABC's of Stormwater Management: Surface and Sub-Surface Stormwater

Presented by
Mary Steblein, PE, CPESC *Senior Civil Engineer/Project Manager, LaBella Associates*
Franco Montalto, PhD, PE *Professor, Civil, Architectural and Environmental Engineering Drexel University*
Pinar Balci, PhD *WSP NYC Water Lead and Deputy East Water Lead, WSP NYC*
Taylor Abbott *Sales Manager, Cultec*
Michael Fortuna *New York Area Sales Manager, ACO, Inc.*

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Handling Ethical Issues in Professional Engineering Practice
- Online | Friday, April 19, 2024 | 2:00 - 3:00 pm EDT

Complying with NPDES Industrial Stormwater Requirements
- Online | Friday, April 26, 2024 | 9:30 am - 4:30 pm EDT

Reinforced Concrete Building Design and Construction
- Online | Friday, April 26, 2024 | 9:30 am - 5:30 pm EDT

Structural Design Loads under the ASCE 7-22 Standard
- Online | Friday, April 26, 2024 | 10:00 am - 5:30 pm EDT

Introduction to HEC-HMS Modeling
- Online | Friday, May 3, 2024 | 10:00 am - 5:30 pm EDT

Retrofitting Houses Toward the Passive House Standard
- Online | Friday, May 3, 2024 | 10:00 am - 5:00 pm EDT

Building Power System Short Circuit Analysis and Overcurrent Protection Coordination Based on NEC 2023
- Online | Monday, May 6, 2024 | 1:00 - 3:00 pm EDT

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