

Credit Information

New York Engineered Lumber Design and Construction

This seminar is open to the public and offers 6.5 continuing education hours to professional engineers and 6.5 HSW continuing education hours to architects in New York.

This event is approved by the American Institute of Architects for 6.5 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 .65 CEUs in the specialty area of Building (Preferred Provider No. 1232).

The 2020 New York State Commercial Energy Code, including the Stretch Code

This seminar is open to the public and offers 7.0 continuing education hours to professional engineers and 7.0 HSW continuing education hours to architects in New York.

This event 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 Energy (Preferred Provider No. 1232).

HalfMoon Education is deemed a New York-approved continuing education provider for architects via its affiliation with the American Institute of Architects (Regulations of the Commissioner §69.6(i)(2)).

The New York State Education Department considers courses as approved for New York State mandatory continuing education for professional engineers if the sponsor's courses are approved by the American Institute of Architects Continuing Education System and are in approved subject areas (Regulations of the Commissioner §68.14(i)(2)).

Architects and engineers seeking continuing education credit in other states will be able to apply the hours earned at these seminars, in most cases. Refer to specific state rules to determine eligibility.

Both events offer a non-credit continuing education opportunity to construction contractors. Neither event has been approved by any state with a continuing education requirement for contractors.

In-person 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.

Course completion certificates will be awarded to participants who complete the webinar in its entirety, respond to all the prompts during the instruction, and earn a score of 80% on the quiz that follows the instruction (multiple attempts allowed).

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Live, In-Person Seminar and Live Webinars

- Engineered Lumber Design and Construction
- The 2020 New York State Commercial Energy Code

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Altoona, WI 54720-0278



Live, Interactive Webinars

New York Engineered Lumber Design and Construction

- Albany, NY and Online | Friday, October 15, 2021

The 2020 New York State Commercial Energy Code, including the Stretch Code

- White Plains, NY and Online | Friday, October 22, 2021

To register, view detailed presenter biographies, and see other learning opportunities, please visit:

www.halfmoonseminars.org

or call our Customer Service Department at (715) 835-5900



Live, In-Person Seminars and Live Webinars

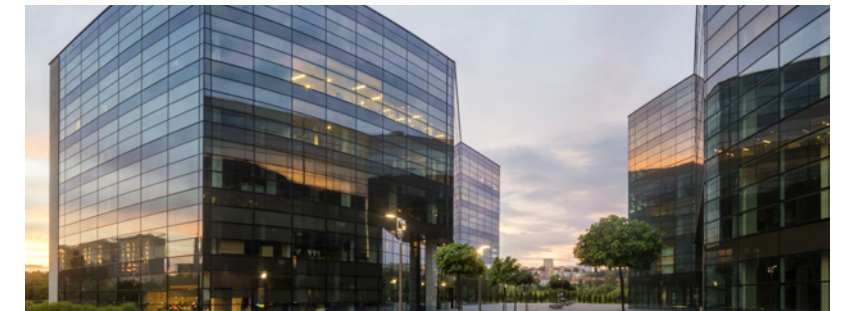


New York Engineered Lumber Design and Construction

Albany, NY and Online | Friday, October 15, 2021

8:30 am - 4:30 pm EDT

Credits: Professional Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours
AIA: 6.5 LU | HSW International Code Council: .65 CEUs (Building)



The 2020 New York State Commercial Energy Code, including the Stretch Code

White Plains, NY and Online | Friday, October 22, 2021

8:30 am - 5:00 pm EDT

Credits: Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours
AIA: 7.0 LU | HSW International Code Council: .7 CEUs (Energy)

AIA
Continuing
Education
Provider



New York Engineered Lumber Design and Construction

Albany, NY and Online | Friday, October 15, 2021

8:30 am - 4:30 pm EDT (incl. a 60-min break)

Tuition: \$289 per registrant, \$239 per registrant for three or more

Credits: Professional Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours
AIA: 6.5 LU | HSW International Code Council: .65 CEUs (Building)

Courtyard Albany Airport

227 Wolf Road
Albany, NY 12211
(518) 319-8700

Webinar Information:

Webinars are presented via GoToWebinar.
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in an email sent close to the date of the webinar.

For system requirements, please visit the FAQ section
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Agenda

Engineered Lumber Products and Design Guidance

Types of engineered lumber products	Structural and non-structural
National Design Specification for wood construction	
Building codes	Design criteria

Design for Structural Engineered Lumber

Reference design values and adjustments		
Bending members	Compression members	Columns
Tension members	Combined loads	Bearing capacity
Flitch beams		

Structural Glued Laminated Timber

Types of members	Applications and design values
Adjustments and special considerations	

Pre-fabricated Wood I-Joists

Types of members	Applications and design values
Adjustments and special considerations	
Pro-rating	

Structural Composite Lumber and Wood Structural Panels

Types of products (beams and columns)	
Applications and design values	Adjustments and special considerations

Connectors and Fasteners

Nails	Screws, lag screws and wood screws
Bolts	Prefabricated connections
Details	

Structural Design

Software	Roof framing
Floor framing	Beams and joists

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Courtyard Tarrytown

Westchester County

475 White Plains Road
Tarrytown, NY 10591
(914) 631-1122

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Agenda

Development of New York State Commercial Energy Conservation Code (NYSECC)

Introduction to the International Energy Conservation Code	
New York State version, the NYS Energy Conservation Construction Code	
IECC and the 2016 ASHRAE 90.1 – when to use which code	
Reviewing the format and organization of the code	
NYS amendments	Chapter 1: Enforcing the Code
Code Compliance Methods	Definitions matter

Building Envelope

What's new in 2020	R and U Factors
Insulation, air barriers and thermal boundaries	
Below grade insulation	Fenestration requirements
Case studies	

Heating, Ventilating and Air Conditioning Systems

Requirements for controls
Equipment types and applications
Ventilation standards and options
Refrigeration
Case studies

Service Water Heating Efficiencies

Pipe insulation, pool covers and heat traps

Power and Lighting

Lighting controls	Whole building or space-by-space method
Exterior lighting	Case studies

Stretch Code In New York State

Definitions, climate zones	Materials, systems and equipment
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Recordings of these webinars are available for purchase. Visit these course listings on our website 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. Self-study packages do not qualify for AIA credit.

COVID Health Considerations: In accordance with guidance from the Centers for Disease Control and Prevention (CDC), only those who are fully vaccinated should gather indoors without masks. Those not yet fully vaccinated should continue social distancing and wearing facemasks indoors. Please review CDC guidance for recent developments. ***No walk-in registrations will be accepted.***

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Faculty

New York Engineered Lumber Design and Construction

Patrick Conlon *Conlon Engineering, LLC*

Founder and Managing Principal of Conlon Engineering, LLC

Patrick Conlon is a licensed professional engineer with 20+ years of high-profile structural engineering experience. He has lent his expertise and creativity to challenging high-profile construction projects including the iconic Yankee Stadium, the 75-story tall One57 in Manhattan, the new 22,000 sf steel-framed column-free Blessed Kateri Church in Lagrangeville, New York, numerous custom luxury homes, and numerous interesting projects of various scales. The owners, architects, contractors, and property managers with whom he collaborates seek him out as a partner because of experience, talents, and client focused service. As founder and managing principal of Conlon Engineering, LLC, in Brookfield, Connecticut, Mr. Conlon has created a culture that is highly client-focused and disciplined, making it easy for colleagues to recommend him. He takes great pride in the firm's ability to address structural challenges for diverse clients in the areas of new construction, renovation, and structural rehabilitation of existing structures. Conlon Engineering's portfolio includes a variety of categories such as commercial, residential, industrial, office, school, religious, historic and recreational buildings; adaptive reuse projects; LEED accredited projects; peer reviews of other engineers' work; and feasibility studies. Mr. Conlon is a registered professional engineer in Connecticut, New York, New Jersey, Massachusetts and South Carolina. He has BS and MS degrees in Civil Engineering from Manhattan College, and he is a member of the American Society of Civil Engineers, the Structural Engineers Coalition (CT), the International Code Council, and the American Institute of Steel Construction.

The 2020 New York State Commercial Energy Code, including the Stretch Code

Wendy Talarico, LEED AP

Ms. Talarico consults with architects and engineers throughout the Northeast to provide continuing education on a range of subjects from codes to building science. She is an instructor for Urban Green/New York State Energy Research and Development Authority's "Conquering the Code", an 8-hour energy code class in New York State. Ms. Talarico was a member of the engineering outreach team for the Brick Industry Association, and she is an award-winning journalist with more than 25 years of experience as a writer and editor for such publications as *Architectural Record* and *This Old House*.