

Credit Information

New York Passive House: Planning, Design and Construction and 2020 Building Code of New York State

These webinars are open to the public and each offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects licensed in New York.

Engineers and architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in most cases. Refer to specific state rules to determine eligibility.

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 each course for 7.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved each 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, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Climate Action for Architects and Engineers

This seminar/webinar is open to the public and offers 6.0 PDHs to professional engineers and 6.0 HSW continuing education hours to architects licensed in New York.

Engineers and architects seeking continuing education credit in other states will be able to claim the hours earned at this webinar, in most cases. Refer to specific state rules to determine eligibility.

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 6.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

Attendance will be monitored, and attendance certificates will be available after the seminar/webinar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

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).

Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of each webinar are available for purchase. See course listing online 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.

Live, Interactive Webinars

- New York Passive House
- 2020 Building Code of New York State
- Climate Action for Architects and Engineers

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

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



Live, Interactive Webinars

New York Passive House: Planning, Design and Construction

- Online | Friday, December 3, 2021 | 8:30 am - 4:30 pm EST

2020 Building Code of New York State

Online | Wednesday, December 8, 2021 | 8:30 am - 4:20 pm EST

Climate Action for Architects and Engineers

- Syracuse, NY or Online | Thursday, December 9, 2021
8:30 am - 3:50 pm EST



Live New York Seminars and Live Webinars



New York Passive House: Planning, Design and Construction

Online | Friday, December 3, 2021 | 8:30 am - 4:30 pm EST

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

2020 Building Code of New York State

Online | Wednesday, December 8, 2021 | 8:30 am - 4:20 pm EST

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

Climate Action for Architects and Engineers

Syracuse, NY or Online | Thursday, December 9, 2021
8:30 am - 3:50 pm EST

Credits: Professional Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours
AIA: 6.0 LU | HSW

To register, visit us online at

www.halfmoonseminars.org

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

AIA
Continuing
Education
Provider



New York Passive House: Planning, Design and Construction

Online | Friday, December 3, 2021 | 8:30 am - 4:30 pm EST

(incl. a 30-min break)

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

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

Webinar Information:

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar.

For system requirements, please visit the FAQ section of our website, or visit www.gotowebinar.com.

Agenda

Passive House Standard: Purpose, Principles and Development *K. Melaragno*

History of certifying agencies in US: PHI and PHIUS
Passive House Standard: voluntary performance-based building envelope energy standard
Energy calculations: how and when to perform them
Energy calculation tools: an introduction to tools and their functionality
Assembling a team to ensure quality and performance
Examining common design features of Passive Houses in New York

Mechanical and Electrical Systems in Passive Houses *M. Duclos*

Optimizing heat gains
• Passive solar heat gains • Indoor environmental heat gains
Heating and cooling loads Space conditioning
Renewable energy system integration
Energy-efficient appliances

Architectural Elements of Passive Houses *M. Meskens*

Siting, sizing and orientation
Super-insulated envelope with minimized thermal bridging
Airtightness Heat recovery ventilation
Integrating renewable energy technologies
Carbon neutrality Permacity

Evaluating Passive House Case Studies *S. Moreno-Vacca*

Adapting Passive House for different climates compared to New York
Retrofitting to Passive House
Case studies: in the planning process, under construction and finished projects

Presented by

Kelly Melaragno *The Community Builders, Inc.*
Michael B. Duclos *Principal and Founder of THE DEAP Energy Group, LLC*
Manon Meskens *Manager at A2M Architecture*
Sebastian Moreno-Vacca *A2M Architecture*

21 NYPSVHSE 12 3 WEBR PC

To register and to see other learning opportunities, please visit:

www.halfmoonseminars.org

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

2020 Building Code of New York State

Online | Wednesday, December 8, 2021 | 8:30 am - 4:20 pm EST

(incl. a 30-min break)

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

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

Webinar Information:

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar.

For system requirements, please visit the FAQ section of our website, or visit www.gotowebinar.com.

Agenda

Building Code Background and Application in New York State

Development of the International Building Code
Code adoption process in New York State
Current version of the Code in New York
Summary of Code amendments in New York
Code terminology
Code enforcement

Chapters 3-5

Classification of structures
• Groups 1, B, E, F, H, I, M, R, S and U
Occupancy and special uses

Building heights and areas

Chapters 6, 7 and 9

Types of construction
Fire protection systems

Fire and smoke protection features
Life safety systems

Chapters 10-11

Exits and exit access
Accessible facilities

Accessible routes and entrances

Chapters 14-16

Exterior walls
Structural design

Roofs and roofing systems

Chapters 8 and 12 and Interior Construction

Interior finishes
Ventilation, HVAC controls, lighting, sound, unoccupied spaces, bathrooms
Gypsum board and plaster

Use of Specific Materials and Construction Techniques

Concrete Aluminum Masonry
Steel Wood Glass and glazing

Chapters 27-29

Electrical, mechanical and plumbing systems

Presented by

Robert J. Schutz *Recently Retired Building Official*

21 NYIBCOD1 12 8 WEBR LH

Climate Action for Architects and Engineers

Syracuse, NY or Online | Thursday, December 9, 2021

8:30 am - 3:50 pm EST (incl. a 60-min break)

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

Credits: Professional Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours
AIA: 6.0 LU|HSW

Courtyard by Marriott

Syracuse Carrier Circle

6415 Yorktown Circle
East Syracuse, NY 13057
(315) 432-0300

Webinar Information:

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar.

For system requirements, please visit the FAQ section of our website, or visit www.gotowebinar.com.

Agenda

Anthropogenic Climate Change Overview (ACC)

Greenhouse effect
• Atmospheric greenhouse gases
• Verifiable data
• Historic trends
• Review of recent events

What we know and what we don't
Sociological and cultural underpinnings of the various perspectives of climate change
Greenhouse gas mitigation and economics
Summary

Categories of Action

Mitigation vs. adaptation and resilience
Various categories of mitigation
• Personal, professional, political action
Effectiveness of different types of action
Economics of carbon reduction
Geo-engineering pros and cons
Metrics: quantifying carbon
Solution strategies
Consider the role of the engineering community in the development and implementation of solutions
Our role/your role

Structural and Infrastructure Mitigation

Embodied carbon vs operational carbon
Sources of embodied carbon information
EPDs and life-cycle assessments
Carbon pallet for various structural materials
Example building
Mitigation concepts: basic to transformative
Development and implementation of solutions
Conclusions/questions

Presented by

James D'Aloisio, P.E., SECB, LEED AP *Principal with Klepper, Hahn & Hyatt in Syracuse*

21 NYCLMTAE 12 9 ESYS LH - 21 NYCLMTAE 12 9 WEBC LH