

Credit Information

These webinars are open to the public and each one is designed to qualify for 3.0 PDHs for professional engineers and 3.0 HSW continuing education hours for licensed architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). 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)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved these courses for 3.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved these events for .3 CEUs in the specialty area of Building (Preferred Provider No. 1232).

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

On-Demand Credits

The preceding credit information only applies to the live presentation. These courses in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request: 3.0 HSW LUs (AIA)

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Managing Solar Gain & Developments in Fenestration

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Live, Interactive Webinars

Managing Solar Gain

- Online | Tuesday, May 21, 2024 | 9:00 am - 12:20 pm CDT

Developments in Fenestration

- Online | Wednesday, May 22, 2024 | 9:00 am - 12:20 pm CDT

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

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HalfMoon Education Inc., Your LIVE Education Leader Presents



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AIA
Continuing
Education
Provider



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Tuesday, May 21, 2024 | 9:00 am - 12:20 pm CDT

Tuition: \$179 per registrant

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International Code Council: .3 CEUs (Building)

Agenda:

Energy and Carbon

- Climate as context
- Building energy codes and standards
- Carbon legislation

Passive Design

- Properties of heat transfer
- Passive design for energy use in buildings
- Passive design for thermal comfort
- Climate analysis
- Site analysis

Passive Solar Massing Strategies

- Building massing and form
- Building orientation
- Thermal zoning
- Thermal mass

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Agenda:

Passive Solar Envelope Considerations

- Window to wall ratio
- Opaque assembly
- Air tightness
- Glazing assemblies

Advanced Glazing

- Glazing properties
- Gas fill, glazing, coatings
- Frame materials and spacers
- Advanced glazing systems

Designing Shading

- Impact on energy and peak loads
- Types of shading for buildings
- Rightsizing shading
- Practical considerations

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Faculty



Elliot Glassman, AIA, NCARB, LEED AP BD+C, CPHD
CannonDesign, Architecture Firm

Mr. Glassman is the Building Performance Group Leader with CannonDesign. He obtained his bachelor of Architecture degree from the New Jersey Institute of Technology and a master of Design Studies degree in Sustainable Design from the Harvard Graduate School of Design. In 17 years of combined professional practice as an architect and sustainability consultant, Mr.

Glassman has worked on various projects around the world, each requiring a unique response to a diverse set of climatic, site, and programmatic conditions. His main area of expertise is passive building design for energy, daylight, and comfort. Other areas of expertise include water efficiency and renewable energy. Mr. Glassman's focus is combining computational design techniques with performance simulation to inform the design process. These computational techniques help identify integrated design solutions that improve the performance of the built environment and provide deep insights to achieve a wide range of intended project outcomes. He has given presentations on building performance at conferences such as Greenbuild, the International Building Performance Simulation Association (IBPSA), Advancing Computational Building Design (ACBD), and the Architecture Boston eXpo (ABX). Mr. Glassman also teaches classes related to building performance at Columbia University, Pratt Institute, and City Tech.

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Additional Learning

Calculating Embodied and Operational Carbon Footprints for Buildings

- Friday, April 26, 2024 | 1:00 - 4:00 pm CDT

Complying with NPDES Industrial Stormwater Requirements

- Friday, April 26, 2024 | 8:30 am - 3:30 pm CDT

Reinforced Concrete Building Design and Construction

- Friday, April 26, 2024 | 8:30 am - 4:30 pm CDT

Structural Design Loads under the ASCE 7-22 Standard

- Friday, April 26, 2024 | 9:00 am - 4:30 pm CDT

Retrofitting Houses Toward the Passive House Standard

- Friday, May 3, 2024 | 9:00 am - 4:00 pm CDT

Building Power System Short Circuit Analysis and Overcurrent Protection Coordination Based on NEC 2023

- Monday, May 6, 2024 | 12:00 - 2:00 pm CDT

Engineering Projects from Start to Finish

- Monday, May 6, 2024 | 8:30 am - 4:30 pm CDT

Construction Cost Estimating

- Wednesday, May 8, 2024 | 9:00 am - 4:30 pm CDT

Handling Ethical Issues in Construction Contracting

- Wednesday, May 8, 2024 | 9:00 - 10:00 am CDT

Hydrology and Hydraulics for Municipal Stormwater Engineering

- Thursday, May 9, 2024 | 9:00 am - 4:30 pm CDT

Natural Ventilation Principles and Techniques

- Thursday, May 9, 2024 | 9:00 am - 4:00 pm CDT

2021 International Building Code Essentials

- Friday, May 10, 2024 | 8:30 am - 4:30 pm CDT

Building Electrical System Design Based on NEC 2023

- Monday, May 13, 2024 | 12:00 - 2:00 pm CDT

Building Power System Grounding and Bonding Based on NEC 2023

- Monday, May 20, 2024 | 12:00 - 2:00 pm CDT

For more information and other online learning opportunities visit:

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