

Credit and Webinar Information

Continuing Education Credit Information

See each course listing for the type and amount of each continuing education credit available. Individual courses for engineers and architects are not subject to pre-approval. HalfMoon Education does not apply for landscape courses or land surveyor courses in NJ or TN, unless expressly stated.

HalfMoon Education Certifying Entities

American Institute of Architects Continuing Education System (No. J885)

International Code Council (No. 1232)

Landscape Architect Continuing Education System

American Institute of Certified Planners (AICP)

Boards of Engineering: Florida (No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), and North Carolina (No. S-0130).

Course-by-Course Providers:

Association of State Floodplain Managers

International Society of Arboriculture

Society of American Foresters

HalfMoon Education is deemed a New York-approved continuing education provider for engineers, architects, and landscape architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2), §69.6(i)(2), and §79-1.5(i)(2)). Only AIA HSW-approved courses qualify for New York engineer and architect credit.

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).

Webinar Instructions

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together on the same device if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited.

Certificates of completion will be available for download and printing upon completion of a follow-up quiz with at least 80% accuracy (multiple attempts allowed).

Webinars are presented via **GoToWebinar**, an easy-to-use application that can be run on most systems and tablets. Instructions and login information will be provided in an email sent close to the date of the webinar. **It is highly recommended that you download, install and test the application before the webinar begins by clicking on the link in the email.**

GoToWebinar system requirements:

Operating System: Windows 7 - 10, Mac OSX 10.9 (Mavericks) - macOS Catalina (10.15), Linux, Google Chrome OS, Android OS 5 (Lollipop) - Android 9 (Pie), iOS 10 - iOS 12, Windows Phone 8+, Windows 8RT+

Web browser: The two most recent versions of Google Chrome or Mozilla Firefox

Internet connection: Minimum of 1Mbps, Mobile: 2G or better (WiFi Recommended)

Hardware: 2GB of RAM (minimum), 4GB or more of RAM (recommended)

For more information visit the "Support" section at www.gotowebinar.com.

April Short Webinar Catalog

Ten Live, Interactive Online Webinars

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



April Short Webinar Catalog

Ten short webinars that each take a look at a single subject in April.

To register, view webinar agendas, credit information and to learn about our distinguished faculty, please visit us online at: www.halfmoonseminars.org

Special Offer:

Spend \$300 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **APRILSHORT2022** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



HalfMoon Education Live Webinars

April Short Webinar Catalog

Ten webinars that each take a look at a single subject



1. Deep Dive into Retaining Wall Layout for Site Designers
2. How to Reduce Light Pollution
3. How to Naturalize an Existing Stormwater Detention/Retention Basin
4. Deep Dive into Cool Roofs
5. Deep Dive into Reinforced Concrete
6. How To Handle Ethical Issues Associated with Defects and Failures
7. The Art and Science of Narrative Design in Architecture
8. The Language of Horticulture: A Primer
9. Focus On Designing Mechanical Systems for Net-Zero Energy Homes
10. How to Design for Snow and Ice Loads



AIA
Continuing
Education
Provider



PREFERRED
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HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

1. Deep Dive into Retaining Wall Layout for Site Designers

Thursday, April 7, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours (No credit offered in NJ)
LA CES: 2.0 HSW PDHs International Code Council: .2 CEUs (Sitework)

Agenda Highlights:

Preventing potential problems or failures through site layout
Preventing potential problems or failures through proper design techniques
Roles and responsibilities to ensure structure success
Recognizing a potential problem or failure in the field
Typical causes of problems or failures with geotechnical structures
Case studies/examples of failures and repairs

Presented by Bill Simpson, PE

Geotechnical Structure Design Specialist at Gradelta Engineering

22 USDDRTWL 4 7 WEBR WL

2. How to Reduce Light Pollution

Friday, April 8, 2022 | 9:00 - 11:00 am CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours (No credit offered in NJ)
LA CES: 2.0 HSW PDHs Certified Planners: CM|2.0
International Code Council: .2 CEUs (Sustainability)

Agenda Highlights:

Defining light pollution
Light pollution terminology and measurement
Impacts on wildlife and ecosystems
Lighting and safety
Outdoor lighting ordinances
Sustainable lighting alternatives
Impacts on human health
The economics of light pollution
Light pollution reduction techniques
Dark Sky Initiative

Presented by Dr. Jairo Garcia Executive Director Urban Climate Nexus

22 USH2RLTP 4 8 WEBR FC

3. How to Naturalize an Existing Stormwater Detention/Retention Basin

Friday, April 8, 2022 | 10:00 am - 12:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours (No credit offered in NJ)
LA CES: 2.0 HSW PDHs Floodplain Managers: 2.0 ASFPM CECs Certified Planners: CM|2.0
International Code Council: .2 CEUs (Sitework)

Agenda Highlights:

What naturalization is and why it is important
Changing the size and shape of the basin
Improving basin soils and plants
Planning for regular maintenance
Stormwater detention and additional benefits
Changes to the inlet and outflow
Promoting diffusion and infiltration

Presented by Dr. Stephen J. Souza Owner of Clean Waters Consulting, LLC, New Jersey

22 USH2NSWB 4 8 WEBR SC

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

www.halfmoonseminars.org

or call our Customer Service Department at (715) 825-5900

4. Deep Dive into Cool Roofs

Monday, April 11, 2022 | 2:30 - 4:30 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
International Code Council: .2 CEUs (Building) AIA: Pending

Agenda Highlights:

Conventional roofs and their contribution to the heat island effect
Heat island effect history and impacts
Calculating the temperature on a conventional roof
Defining a cool roof: principles and effects
Benefits to building owner, occupants and environment
Cool roof options
Lifecycle analysis of cool roof options
Case studies

Presented by Daniel A. Huard

Co-Founder and Principal of Humann Building Solutions, LLC, in Las Vegas, NV

22 USDDICRF 4 11 WEBR CP

5. Deep Dive into Reinforced Concrete

Tuesday, April 12, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU HSW International Code Council: .2 CEUs (Building)

Agenda Highlights:

Reinforced concrete: why concrete and steel together?
Materials for concrete and concrete mixes
Concrete specific guides, standards, specifications, and tests
Materials for reinforcement
Design provisions for reinforced concrete in codes and standards
Common applications for reinforced concrete
Maintaining, diagnosing and repairing reinforced concrete
Questions and answers

Presented by

Daniel H. Tobias, Ph.D., P.E., S.E. Illinois Department of Transportation

James Krstulovich, P.E. Engineer of Concrete and Soils with the Central Bureau of Materials, Illinois Department of Transportation

22 USDDCCRT 4 12 WEBR LH

6. How To Handle Ethical Issues Associated with Defects and Failures

Wednesday, April 13, 2022 | 10:00 am - 12:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs* Architects: 2.0 non-HSW CE Hours*
AIA: 2.0 LU|Elective* *does not qualify for NY credit

Agenda Highlights:

Understanding the parties roles and relationships
Understanding the liability and indemnification provisions in construction documents
Duty to raise potential safety, durability issues
Making warrantees and guarantees
Working outside areas of competence

Presented by Brian R. Zimmerman Shareholder at Hurtado Zimmerman

22 USH2ETHC 4 13 WEBR PC

Can't Attend? Order any of these Webinars as a Self-Study Package!

Recordings of each webinar are available for purchase. Visit us 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.

7. The Art and Science of Narrative Design in Architecture

Thursday, April 14, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 Non-HSW CE Hours
AIA: 2.0 LU|Elective

Agenda Highlights:

How story relates to and creates architectural designs
What is narrative design in architecture
7-Steps of process related to story
Discovery during the designing phase
Applied methodologies

Presented by Greg Andrade – Architect – LEED AP Andrade Studio Architects

22 USASNDIA 4 14 WEBR AM

8. The Language of Horticulture: A Primer

Thursday, April 14, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW Landscape Architects: 2.0 HSW CE Hours (No credit offered in NJ)
LA CES: 2.0 HSW PDHs

Agenda Highlights:

Categories of plants used in landscaping and their defining features
Plant taxonomy and nomenclature
Scientific vs. common names; recent name changes
Defining terms
Types of plant pollination and the impact on plant selection
Plant durations and growth habits
Terms for identifying plant and plant part structures
Other useful horticultural terms
Plant case studies/examples

Presented by Kim Eierman Founder of EcoBeneficial LLC

22 USFOHORT 4 14 WEBR LH

9. Focus On Designing Mechanical Systems for Net-Zero Energy Homes

Thursday, April 21, 2022 | 10:00 am - 12:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW International Code Council: .2 CEUs (Energy)

Agenda Highlights:

What is a net-zero energy home?
Energy modeling
Ventilation systems
Hot water systems and energy recovery
Design out, or shrink, the HVAC system
HVAC system choices and design
Ductwork and distribution
Thermal storage
Case study

Presented by Paul Westbrook President of RE:source Design in Fairview, TX

22 USFOMSNO 4 21 WEBR TB

10. How to Design for Snow and Ice Loads

Wednesday, April 27, 2022 | 1:30 - 4:30 PM CDT

Tuition: \$159

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW International Code Council: .3 CEUs (Building)

Agenda Highlights:

Snow load impacts on structures
Complying with standards and codes
Sloped roof snow loads
Sliding snow loads
Ponding instability
Determining requisite loads in your location
Flat roof snow loads
Unbalanced loads and drifts
Rain-on-snow surcharge loads
Design options

Presented by Robin M. Closs, S.E., P.E. President of The Engineering Society of Buffalo

22 USH2DSIL 4 27 WEBR SC