

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 in NJ or land surveyor courses in NJ or DE, unless expressly stated.

HalfMoon Education Certifying Entities

American Institute of Architects Continuing Education System (No. J885)
International Code Council (No. 1232)

Landscape Architecture 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 these events, 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.***

Can't Attend? Order Most of These Webinars as Self-Study Packages!

Recordings of mosts webinars 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.

July Short Webinar Catalog

8 Live, Interactive Online Webinars

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July Short Webinar Catalog

Eight Live, Interactive Online Webinars

To register, visit us online at
www.halfmoonseminars.org

Have questions or wish to register by phone?

Give us a call at 715-835-5900 and press 1 for Customer Service.

Special Offer: Use Coupon Code **JULYSHORT23** at checkout online to receive **25% off** tuition when you spend \$400 or more on the programs listed in this brochure.



HalfMoon Education Live Webinars

July Short Webinar Catalog

8 webinars that each take a look at a single subject



1. Protecting Trees During Development and Construction
2. Walls, Water, and What To Do When They Interact
3. Bioretention System Design
4. Soil Investigation and Classification
5. Understanding High Pile Storage Utilizing NFPA 13
6. Lighting Retrofits for Residential and Small Commercial Applications
7. Avoiding, Identifying and Resolving Ethical Issues in Land and Water Transactions
8. How to Analyze Common Construction Defects and Failures



1. Protecting Trees During Development and Construction

Wednesday, July 12, 2023 | 9:00 am - 12:15 pm CDT

Tuition: \$159

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW* Landscape Architects: 3.0 HSW CE Hours LA CES: 3.0 HSW PDHs*

Agenda Highlights:

Trees as assets to the building site and local environment

- Benefits of limiting site disturbance
- Environmental services provided by trees
- Trees as amenities

Benefits of preserving existing trees versus planting new trees

- Native species
- Habitat
- Preserving size and age of trees on site

Preserving heritage trees

- Heritage tree characteristics
- Principles and regulations for protection of heritage trees
- Starting a heritage tree program
- Making heritage tree designations

Taking protective action to preserve trees

Case studies

Presented by Marty Shaw RCA BCMA
Author of The Professional Amenity Plant Appraisal Handbook

23 USDDPTRE 7 12 WEBR SC

2. Walls, Water, and What To Do When They Interact

Wednesday, July 12, 2023 | 10:00 am - 2:30 pm CDT

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW* Landscape Architects: 4.0 HSW CE Hours LA CES: 4.0 HSW PDHs*
Floodplain Managers: 4.0 ASFPM CECs

Agenda Highlights:

Roles and Responsibilities of Site Designer vs Wall Designer

- When to use a wall vs. berm/slope
- How to use a berm/slope in conjunction with a wall
- Wall types to consider

Cast-in-Place (CIP) Concrete Walls

- Material description and associated cost
- Construction considerations - advantages and disadvantages
- Is CIP the best option?

Modular Block (MSE) Retaining Walls

- Material description and associated cost
- Construction considerations - advantages and disadvantages
- Is MSE the best option?
- Effects of water on design - temporary and permanent
- Saturated design concerns
- Rapid drawdown guidance

- When to use a wall vs. berm/slope
- Groundwater considerations
- Other design considerations

Presented by Bill Simpson, P.E. Geotechnical Structure Design Specialist at Gradelta Engineering

23 USRTWH2O 7 12 WEBR LH

Learn More and Register:

www.halfmoonseminars.org

Customer Service (715) 835-5900 Ext. 1

or scan here



3. Bioretention System Design

Wednesday, July 12, 2023 | 1:00 - 3:00 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 LA CES: 2.0 HSW PDHs*
Floodplain Managers: 2.0 ASFPM CECs

Agenda Highlights:

The importance of soils in the design of bioretention systems

The importance of understanding groundwater in the design of bioretention systems

What soil tests are required for the design of bioretention systems

Designing bioretention systems for various soil types and slope conditions

Designing for storms greater than the water quality event

Presented by Steven Trinkaus Principal at Trinkaus Engineering, LLC, in Southbury, CT

23 USBIOSYD 7 12 WEBR WL

4. Soil Investigation and Classification

Thursday, July 13, 2023 | 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 LA CES: 2.0 HSW PDHs*
International Code Council: 0.2 CEUs (Sitework)**

Agenda Highlights:

Properties of soil

- When to use a wall vs. berm/slope
- Formation of soils
- Types of soils and their properties

Soil investigation on construction sites

- Site reconnaissance
- Geology and visual observations
- Drilling and boring
- Test pits
- Establishing appropriate investigational methods
- Obtaining and reviewing geotechnical reports

Presented by James “Jay” A. McKelvey, III, P.E.,D.GE, F.ASCE
Director- Geotechnical Design Division at Earth Engineering Inc.

23 USSOILIC 7 13 WEBR CP

5. Understanding High Pile Storage Utilizing NFPA 13

Tuesday, July 18, 2023 | 10:00 am - 2:30 pm CDT

Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW* International Code Council: 0.4 CEUs (Fire)**

Agenda Highlights:

What is high pile storage? (NFPA 13 definitions)

Storage heights and requirements

- Commodity Classifications (NFPA 13)

In-rack storage VS. ESFR systems

Third party consultants (PE/FPE) to determine system requirements

Presented by Randy Scovill Fire Plan Review, Inspector

23 USHIPILE 7 18 WEBR LH

6. Lighting Retrofits for Residential and Small Commercial Applications

Wednesday, July 19, 2023 | 11:00 am - 1:00 pm CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW* International Code Council: 0.2 CEUs (Electrical)**

Agenda Highlights:

Making the Case for Lighting Retrofits

- Understanding opportunities, trends and codes
- Quantifying benefits: energy, labor, product placement
- Improving lighting quality
- Other potential benefits

Lighting Retrofit Strategies

Conducting a lighting audit:

- Lighting fixture types
- Loads
- Tasks
- Light level requirements
- Hours of operation

Popular LED retrofit options:

- Interior solutions
- Exterior solutions
- Controls

Estimating costs and financial benefits

Tips and best practices

Presented by Mary Beth Gott Independent Lighting Consultant

23 USLIGHTR 7 19 WEBR PC

7. Avoiding, Identifying and Resolving Ethical Issues in Land and Water Transactions

Friday, July 21, 2023 | 2:00 - 3:00 CDT

Tuition: \$75

Credits: Professional Engineers: 1.0 PDHs (Ethics)*

*This course is not approved in New York; please refer to specific state rules to determine eligibility.

Agenda Highlights:

Private property rights vs. public rights

Community/local control of land and water resources

Environmental preservation of land and water

Presented by Eric O. Pempus, FAIA, Esq., NCARB
DesignPro Insurance Group-A Wichert Insurance Agency

23 USETHILW 7 21 WEBR AM

8. How to Analyze Common Construction Defects and Failures

Monday, July 24, 2023 | 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: 0.2 CEUs (Building)**

Agenda Highlights:

Building’s general structural engineering issues

Foundation systems issues

Structural framing members

Patent and latent construction defects

Exploring deficiencies and failures in structures

Presented by Casey K. Hemmatyar, SE
President, Pacific Structural & Forensic Engineers Global (PSFEG)

23 USH2ACDF 7 24 WEBR T/AM

*Live course approval. Pre-approval for on-demand format may be available upon request.

**Live course approval. Not approved for on-demand format.