

# 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 most 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.

## August Short Webinar Catalog

12 Live, Interactive Online Webinars

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



## August Short Webinar Catalog

12 Live, Interactive Online Webinars

To register, visit us online at  
[www.halfmoonseminars.org](http://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.

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## HalfMoon Education Live Webinars

# August Short Webinar Catalog

12 webinars that each take a look at a single subject



1. Deep Dive into Pests and Diseases of Trees
2. PFAS Remediation in City Water Supplies
3. How to Estimate Construction Costs for Commercial Buildings
4. Decarbonizing Existing Buildings
5. How to Design Accessible Parking
6. Handling Ethical Issues Associated with Defects and Failures
7. Best Practices for Moisture Meter Use in the Building Trades
8. Emerging Technologies for Design and Construction Professionals
9. The Proper Use and Understanding of Moisture Meters in the Flooring/Building Industry (Flooring-Specific)
10. Deep Dive into Water Infiltration in Soil
11. Basics of HEC-HMS Modeling
12. Solar Photovoltaic Covered Parking Facilities



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PREFERRED  
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HalfMoon Education Inc.  
[WWW.HALFMOONSEMINARS.ORG](http://WWW.HALFMOONSEMINARS.ORG)

## 1. Deep Dive into Pests and Diseases of Trees

Wednesday, August 2, 2023 | 1:00 - 3:00 pm CDT

Tuition: \$109

**Credits:** Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours  
LA CES: 2.0 HSW PDHs\* Arborists: 2.0 ISA CEUs Foresters: Up to 2.0 CFEs†

### Agenda Highlights:

Discussion of the most common fungi and insects affecting trees  
How is climate change affecting pests and diseases  
What is the impact of invasive species on pests and diseases  
Which trees have the least problems and which have the most  
Know which pest and diseases are normal and not a concern  
Learn where and how you plant your tree that matters

**Presented by Faith Appelquist** *Owner Tree Quality, LLC*

23 USDDPDTR 8 2 WEBR PW

## 2. PFAS Remediation in City Water Supplies

Wednesday, August 2, 2023 | 1:00 - 4:00 pm CDT

Tuition: \$159

**Credits:** Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours  
AIA: 3.0 LU|HSW\* Certified Planners: CM|3

### Agenda Highlights:

PFAS and other forever chemicals  
Impact of PFAS on city water supplies Resin filtration system at city water plant  
Carbon filtration system design and construction  
Case study

**Presented by Kate Rosenberg** *Mayor, City of Wausau, WI*

23 USDDPFAS 8 2 WEBR AR/KP

## 3. How to Estimate Construction Costs for Commercial Buildings

Thursday, August 3, 2023 | 10:30 am - 12:30 pm CDT

Tuition: \$109

**Credits:** Professional Engineers: 2.0 PDHs Architects: 2.0 Non-HSW CE Hours  
AIA: 2.0 LU|Elective\* Practicing Institute of Engineering: 2.0 PDHs  
International Code Council: .2 CEUs (Administration)\*\*

### Agenda Highlights:

Types/levels of cost estimates Estimating resources and processes  
Estimating direct and indirect costs Example (using software)

**Presented by Mike Keating, P.E., MBA**

*Cost engineer and value engineering officer, U.S. Army Corps of Engineers*

23 USH2ECCC 8 3 WEBR SC

## 4. Decarbonizing Existing Buildings

Thursday, August 10, 2023 | 10:00 am - 1:15 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 (Sustainability)\*\*

### Agenda Highlights:

Reviewing the carbon impacts of existing buildings  
Reducing operational carbon  
Reducing embedded and operational carbon of additions and remodels

**Presented by Arash Zarmehr** *PhD, EIT, LEED, ENV SP with AECOM- NY Metro*

23 USDCRBEB 8 10 WEBR LH

Learn More and Register:

[www.halfmoonseminars.org](http://www.halfmoonseminars.org)

Customer Service (715) 835-5900 Ext. 1

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## 5. How to Design Accessible Parking

Thursday, August 10, 2023 | 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 (Accessibility)\*\*

### Agenda Highlights:

Brief overview of ADA and ICC A117.1 Accessible parking in garages and parking lots  
Alterations to existing facilities PROWAG – accessibility for on-street parking

**Presented by Rob McConnell, P.E., SE, LEED Green Associate**

*Vice President, Parking Solutions with WGI*

23 USH2DAPK 8 10 WEBR WL

## 6. Handling Ethical Issues Associated with Defects and Failures

Monday, August 14, 2023 | 2:00 - 3:00 pm CDT

Tuition: \$75

**Credits:** Professional Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour  
AIA: 1.0 LU|HSW\* International Code Council: .1 CEU (Building)\*\*

### Agenda Highlights:

Importance of ethics on the project Rules of professional conduct  
Behaviors that can be viewed as unethical Behaviors that can be viewed as ethical

**Presented by Collins Ofori-Amanfo, P.E.** *Owner and Principal Engineer at Collins Forensics LLC*

23 USHETHIS 8 14 WEBR AM

## 7. Best Practices for Moisture Meter Use in the Building Trades

Tuesday, August 15, 2023 | 10:00 - 11:00 am CDT

Tuition: \$75

**Credits:** Professional Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour  
AIA: 1.0 LU|HSW\* International Code Council: .1 CEU (Building)\*\*

### Agenda Highlights:

Why do we use moisture meters and how do they work?  
Which types of meters to use for various applications in the building trades  
Testing building materials  
Key factors affecting readings and how to correct for them  
Care and calibration of equipment

**Presented by Ilene Cohn, IICRC WRT/ASD** *Delmhorst Instrument Company*

23 USBP4MMU 8 15 WEBR LH

## 8. Emerging Technologies for Design and Construction Professionals

Tuesday, August 15, 2023 | 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 (Administration)\*\*

### Agenda Highlights:

What's the point? – The value of emerging technologies  
360 cameras and ground robotics  
Aerial imagery, drones, and automated drafting  
Artificial Intelligence and machine learning applications  
Laser scanning, mobile LiDAR, scan to BIM

**Presented by Nick Heim** *P.E. in OH, MI, KY, IN*

23 USET4DCP 8 15 WEBR LH

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

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

†Foresters may be able to earn up to 2.0 Category 1 CFE credits through the CFE post-approval process with the Society of American Foresters (SAF). Credit determination will be made by SAF.

††This webinar may offer up to 4.0 PDHs to licensed geologists in some states. HalfMoon Education has not applied for state geologist continuing education approval in states requiring such.

## 9. The Proper Use and Understanding of Moisture Meters in the Flooring/Building Industry (Flooring-Specific)

Tuesday, August 15, 2023 | 11:05 am - 12:05 pm CDT

Tuition: \$75

**Credits:** Professional Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour  
AIA: 1.0 LU|HSW\* International Code Council: .1 CEU (Building)\*\*

### Agenda Highlights:

How to use different moisture meters (impedance and resistance meters)  
The limitations of these different meters  
A brief overview of what information these meters produce  
and how to potentially apply this information to the job/project

**Presented by**

**Andrew Fronczek** *FloorWorks Inspection Services, Inspector Training Services*

**Will Stoner** *Stoner Services, Inspector Training Services*

23 USUUMMFI 8 15 WEBR LH

## 10. Deep Dive into Water Infiltration in Soil

Tuesday, August 15, 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: .2 CEUs (Sitework)\*\* Floodplain Managers: 2.0 ASFPM CECs

### Agenda Highlights:

What is soil infiltration?  
What soil characteristics/properties impact infiltration?  
What happens when water does not infiltrate soil?  
Determining infiltration rates  
Improving soil infiltration

**Presented by Brad Flack, CPESC, CESSWI, QSM, QCIS, QPSWPPP**

*President & CEO of Integrity Stormwater*

23 USDDIWI5 8 15 WEBR NP

## 11. Basics of HEC-HMS Modeling

Wednesday, August 16, 2023 | 9:00 am - 1:15 pm CDT

Tuition: \$209

**Credits:** Professional Engineers: 4.0 PDHs Landscape Architects: 4.0 HSW CE Hours  
LA CES: 4.0 HSW PDHs\* Floodplain Managers: 4.0 ASFPM CECs Geologists: 4.0 PDHs††

### Agenda Highlights:

Introduction, history, and development of US Army Corps HEC-HMS software  
Introduction to HEC-HMS user interface Precipitation  
Hydrograph routing Reservoir routing in HEC-HMS  
Using diversions Using HEC-HMS in design

**Presented by Chris Naidu** *Water Resources Civil Engineer, Senior Project Manager at RESPEC*

23 USHECHMS 8 16 WEBR PC

## 12. Solar Photovoltaic Covered Parking Facilities

Thursday, August 17, 2023 | 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)\*\*  
Certified Planners: CM|2

### Agenda Highlights:

The land-use case for installing solar over parking  
The environmental case for solar parking Economics of solar parking  
Incentives to promote/require solar covered parking  
Case studies of solar covered parking facilities

**Presented by Scott "Sully" Sullivan** *Founder and CEO, Scott Sullivan & Associates*

23 USSPVC PF 8 17 WEBR CP