

# 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 FL, NC, and NJ 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)).

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: 3G 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](http://www.gotowebinar.com).

## September Short Webinar Catalog

14 Live, Interactive Online Webinars

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PO Box 278  
Altoona, WI 54720-0278



## September Short Webinar Catalog

### 14 short webinars that each take a look at a single subject in September 2021

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

### Special Offer:

Spend \$300 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **SEPSHORT2021** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



## HalfMoon Education Online Learning September Short Webinar Catalog

14 webinars that each take a look at a single subject



1. Successful Green Infrastructure: A How-to Guide to Empower Communities through Meaningful Engagement
2. How to Successfully Design and Construct a Retaining Wall (and what happens if you get it wrong)
3. Bioretention System Design
4. Focus on Fire Protection Design
5. How to Add Assistive Listening Systems to Interior Spaces
6. Landscaping for Pollinators
7. Focus On Understanding Federal Wetlands Laws and Enforcement
8. Focus on Flood Insurance
9. How to Design for Passive Solar Heating and Cooling
10. Focusing on Site Engineering: Under a Microscope
11. Focus on the Home Energy Rating System (HERS) Index
12. How to Implement a Construction Site Grading Plan
13. Focus on Slope Stability Analysis
14. How to Successfully Use, Construct, Design and Maintain Permeable Pavements



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## **1. Successful Green Infrastructure: A How-to Guide to Empower Communities through Meaningful Engagement**

Thursday, September 9, 2021 | 12:00 - 3:15 pm CDT (incl. a 15-min break) **Tuition:** \$150

**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  
Certified Planners/AICP: CM | 3.0 CEUs

### **About the webinar:**

Learn about four community engagement methods, common causes for failure of green infrastructure at the community level, and how to evaluate success or failure.

**Presented by Joy Kuebler** *Joy Kuebler Landscape Architect, PC in North Tonawanda, New York*  
21 USHZGRNI 9 9 WEBR LH

## **2. How to Successfully Design and Construct a Retaining Wall (and what happens if you get it wrong)**

Friday, September 10, 2021 | 11:00 am - 1:00 pm CDT **Tuition:** \$100

**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)

### **About the webinar:**

Review typical causes of problems or failures with geotechnical structures and learn how to use site layout and proper design techniques to prevent potential problems.

### **Presented by Bill Simpson, P.E**

*Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC*  
21 USH2DCRW 9 10 WEBR PC

## **3. Bioretention System Design**

Monday, September 13, 2021 | 10:00 am - 12:00 pm CDT **Tuition:** \$100

**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 LU|HSW  
Floodplain Managers: 2.0 ASFPM CECs

### **About the webinar:**

Learn what soil tests are required for the design of bioretention systems, how to design bioretention systems for various soil types, slope conditions and storms.

**Presented by Steven Trinkaus** *Principal at Trinkaus Engineering, LLC, in Southbury, CT*  
21 USH2BIO5 9 13 WEBR BA

## **4. Focus on Fire Protection Design**

Wednesday, September 15, 2021 | 3:00 - 5:00 pm CDT **Tuition:** \$100

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

### **About the webinar:**

Learn the fire risks, characteristics and resistance of building materials including wood, steel and concrete, and how fire protection principles and life-safety codes have evolved.

### **Presented by Bryan Hoskins, P.E. Ph.D.**

*Associate Professor of Fire Protection & Safety at Oklahoma State University*  
21 USFOFRPD 9 15 WEBR CP

## **5. How to Add Assistive Listening Systems to Interior Spaces**

Monday, September 20, 2021 | 8:30 - 10:30 pm CDT **Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours  
AIA: Pending International Code Council: Pending

### **About the webinar:**

Learn about different types of hearing loss, permanently installed and portable assistive listening systems, and case studies of installed assistive listening system.

**Presented by Scott Peyton** *General Manager/Owner of American Loop Service*  
21 USH2AALS 9 20 WEBR JB

## **6. Landscaping for Pollinators**

Thursday, September 23, 2021 | 10:00 am - 12:00 pm CDT **Tuition:** \$100

**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

### **About the webinar:**

Learn 10 principles for landscaping for pollinators, how to recognize common pollinators and how to manage pests and weeds to promote pollination.

### **Presented by Andony Melathopoulos**

*Assistant Professor – Pollinator Health Extension, Oregon State University*  
21 USFOL4PN 9 23 WEBR BA

## **7. Focus On Understanding Federal Wetlands Laws and Enforcement**

Friday, September 24, 2021 | 11:00 am - 2:15 pm CDT (incl. a 15-min break) **Tuition:** \$150

**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: Pending  
Floodplain Managers: 3.0 ASFPM CECs

### **About the webinar:**

Learn historical and recent federal legislation, what agencies implement federal wetlands regulations, how to secure a CWA Section 404 permit and comply with section 404(b)(1).

### **Presented by B. Demar Hooper** *Law Offices of B. Demar Hooper*

21 USFOFWLE 9 24 WEBR PC

## **8. Focus on Flood Insurance**

Tuesday, September 28, 2021 | 10:00 am - 12:00 pm CDT **Tuition:** \$100

**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: Pending  
Floodplain Managers: 2.0 ASFPM CECs Land Surveyors: 2.0 PDHs

### **About the webinar:**

Learn the legal history of and major amendments to the National Flood Insurance Program, and what will be changing under the NFIP's new Risk Rating 2.0 rating methodology.

### **Presented by William Nechamen** *CFM Principal and Owner, Nechamen Consulting, LLC*

21 USFOFLDI 9 28 WEBR JB

## **9. How to Design for Passive Solar Heating and Cooling**

Tuesday, September 28, 2021 | 2:00 - 5:00 pm CDT **Tuition:** \$150

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

### **About the webinar:**

Learn how to evaluate a building's energy consumption, design strategies for various climate zones, and the difference between traditional, high-performance, and integrated design.

### **Presented by Heather Gayle Holdridge, LEED Fellow, EIT, Assoc. AIA**

*Sustainability Director at Lake|Flato Architects*  
21 USH2D4PS 9 28 WEBR CP

## **10. Focusing on Site Engineering: Under a Microscope**

Wednesday, September 29, 2021 | 2:00 - 4:00 pm CDT **Tuition:** \$100

**Credits:** Professional Engineers: 2.0 PDHs Architects: 2.0 CE Hours (non-HSW)  
AIA: Pending Landscape Architects: 2.0 CE Hours LA CES: Pending  
International Code Council: Pending

### **About the webinar:**

Learn how to work on site plans, be your company's site ambassador, make decisions, document, and close out site work.

### **Presented by Daniel P. Messmer, P.E., D. GE** *Project Manager, The Gateway Engineers, Inc.*

21 USFOSITE 9 29 WEBR LH

## **11. Focus on the Home Energy Rating System (HERS) Index**

Wednesday, September 29, 2021 | 9:00 - 11:00 am CDT **Tuition:** \$100

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

### **About the webinar:**

Learn how to obtain a HERS index score, what it reveals about the energy efficiency of a building, how various design decisions can impact the score and how a HERS rating can be used as a foundation for other energy-efficiency rating and certification programs.

### **Presented by Jason LaFleur Sr.** *Program Manager, GTI Energy*

21 USFOHERS 9 29 WEBR AM

## **12. How to Implement a Construction Site Grading Plan**

Thursday, September 30, 2021 | 8:30 - 10:30 am CDT **Tuition:** \$100

**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: Pending  
Floodplain Managers: 2.0 ASFPM CECs International Code Council: .2 CEUs (Sitework)

### **About the webinar:**

Learn the purposes and principles of construction site grading, how to assess existing site conditions and implement grading plans, how to grade for roads, walkways, parking lots, drainage and stormwater management, and how to create an erosion control plan.

### **Presented by Josh Rabon, P.E.** *Managing Partner at Civil Engineering of Columbia, Inc.*

21 USH2ICGP 9 30 WEBR TB

## **13. Focus on Slope Stability Analysis**

Thursday, September 30, 2021 | 11:00 am - 1:00 pm CDT **Tuition:** \$100

**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: Pending  
International Code Council: .2 CEUs (Sitework)

### **About the webinar:**

Learn about slope stability concepts, including considerations for soil and rock slopes, methods of slope stability, including limit equilibrium methods and finite element analysis, and the of instrumentation used to monitor slope stability.

### **Presented by Antonios Vytiniotis, Ph.D., P.E.**

*Director – Group Lead, Massachusetts Consulting, Geocomp*

21 USFOSLSA 9 30 WEBR TB

## **14. How to Successfully Use, Construct, Design and Maintain Permeable Pavements**

Thursday, September 30, 2021 | 2:00 - 4:00 pm CDT **Tuition:** \$100

**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: Pending  
Floodplain Managers: 2.0 ASFPM CECs International Code Council: .2 CEUs (Sitework)

### **About the webinar:**

Learn about the functions of pervious and impervious surfaces in stormwater management, how different types of pavement designs impact the cost of the project, and common challenges that arise during the construction phase.

**Presented by Dr. Robert M. Roseen, P.E.** *Principal and Owner, Waterstone Engineering, PLLC*  
21 USH2UPPM 9 30 WEBR LH

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