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: 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*.

February Short Webinar Catalog
Nine Live, Interactive Online Webinars

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February Short Webinar Catalog

Nine short webinars that each take a look at a single subject in February

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HalfMoon Education Live Webinars

February Short Webinar Catalog

Nine webinars that each take a look at a single subject

1. Deep Dive: Best Practices for Native Landscaping in the Northeast
2. How to Identify Soil Types
3. Deep Dive into Foam Insulation
4. Deep Dive into AIA Standard Forms of Agreement Between Owner and Contractor
5. The Impact of Geosynthetics on Site Design
6. Deep Dive into Concrete and Rigid Pavements for Streets, Roads & Parking Areas
7. How to Obtain, Interpret, and Change a FEMA Flood Map
8. How to Use Berms and Swales for Stormwater Infiltration
9. How to Select and Plant the Proper Tree from a Nursery: A Guide for Design Professionals

AIA Continuing Education Provider
PREFERRED EDUCATION PROVIDER

HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

1. Deep Dive: Best Practices for Native Landscaping in the Northeast

Wednesday, February 2, 2022 | 8:30 - 11:40 am CST **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: CM | 3.0

Agenda Highlights:
Benefits and realties of native landscapes
Setting client expectations
Emulating natural ecosystems in the managed landscape
Setting goals for biodiversity and genetic diversity
Ecoregions, plant communities and local ecotypes
Informed plant selection and plant sourcing
Using cues to care in native landscapes
Maintaining native landscapes – dos and don'ts

Presented by Kim Eierman *Founder of EcoBeneficial LLC*

22 USDDBPNL 2 2 WEBR LH

2. How to Identify Soil Types

Tuesday, February 8, 2022 | 10:00 am - 12:00 pm CST **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)

Agenda Highlights:
Properties of soil
Types of soil
In-situ soil testing
Laboratory soil testing
Preparing/reading soil test data
Importance of proper test selection

Presented by
Bill Simpson, PE *Geotechnical Structure Design Specialist at Gradelta Engineering*

22 USH2ISLT 2 8 WEBR FC

3. Deep Dive into Foam Insulation

Wednesday, February 16, 2022 | 8:30 - 10:30 am CST **Tuition**: $100

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:
The chemistry and physics of foam insulation
Rigid foam insulation types and applications for them
- Expanded polystyrene (EPS), extruded polystyrene (XPS), and polyisocyanurate (ISO)

Spray foam insulation types and applications:
- Benefits and drawbacks of closed and open cell foam

Foam insulation costs and lifecycle analysis
Sustainability of foam insulation
Case studies

Presented by Daniel A. Huard
Co-Founder and Principal of Humann Building Solutions, LLC in Las Vegas, NV

22 USDDFOMI 2 16 WEBR CP

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.

4. Deep Dive into AIA Standard Forms of Agreement Between Owner and Contractor

Thursday, February 17, 2022 | 9:00 - 11:00 am CST **Tuition**: $100

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

Agenda Highlights:
A101-2017 Standard Form of Agreement: Stipulated Sum
- When and how to use a stipulated sum contract
- Articles 1-3: who, what, where and when
- Article 4: how much
- Articles 5-6: progress payments and dispute resolution
- Additional terms and documents

A103-2017 Standard Form of Agreement: Cost Plus Fee without GMP
- When and how to use a cost-plus-fee contract
- Articles 1-4: who, what, where and when
- Articles 5-6: contract price and changes
- Articles 7-9: costs and discounts
- Additional terms and documents

Presented by Michael S. Blackwell *Partner- Riess LeMieux*

22 USDDAIAA 2 17 WEBR SC

5. The Impact of Geosynthetics on Site Design

Tuesday, February 22, 2022 | 10:00 am - 12:00 pm CST **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
Floodplain Managers: 2.0 ASFPM CECs

Agenda Highlights:
A brief history and fundamental principles of roadway construction
Early evolution of geosynthetics and its impact on the site design industry
Important tools available to site design and construction professionals
- Independent testing results
- Design software
- Other tools

Updates on evolving technological advances for designing the highways and paved surfaces of the future
Why it is critical and how to apply geosynthetics to site design
- Economic impact
- Project cost savings
- Added effectiveness
- Extended project life expectancy

Presented by Peter Hanrahan *Certified Professional in Erosion and Sediment Control*

22 USIGEOSD 2 22 WEBR AM

6. Deep Dive into Concrete and Rigid Pavements for Streets, Roads & Parking Areas

Tuesday, February 22, 2022 | 2:00 - 4:00 pm CST **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)

Agenda Highlights:
Concrete pavement—innovations and advancements
Thickness design and software/tools
Plans, specifications and estimate (PS&E) review
Applicable codes and standards
Troubleshooting and tips for successful projects

Presented by Clay Slocum and Nathan Forrest *California Nevada Cement Association*

22 USDDICRP 2 22 WEBR PC

To register and to see other learning opportunities, please visit:
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7. How to Obtain, Interpret, and Change a FEMA Flood Map

Wednesday, February 23, 2022 | 12:00 - 3:15 pm CST (incl. a 15-min break) **Tuition**: $150

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW Land Surveyors: 3.0 PDHs (MO, TN Pending; No credit in NJ)*
Landscape Architects: 3.0 HSW CE Hours LA CES: 3.0 HSW PDHs
Floodplain Managers: 3.0 ASFPM CECs

**The Florida Department of Agriculture and Consumer Services has assigned this course number 10217 for Florida surveyors.*

Agenda Highlights:
History and types of flood maps
- Levels of detail
- Flood zones
- Flood mapping planning and needs

Reading and interpreting flood maps
Flood insurance studies
- Purpose and contents
- Floodway data table
- Stream profiles

Obtaining and using flood maps
Map determinations
Letters of map change
- Introduction to and purpose of LOMCs
- Letters of Map Amendment
- Letters of Map Revision based on Fill
- Letters of Map Revision

Presented by William Nechamen CFM *Principal and owner of Nechamen Consulting, LLC*

22 USH2FLDM 2 23 WEBR TB

8. How to Use Berms and Swales for Stormwater Infiltration

Thursday, February 24, 2022 | 9:00 - 11:00 am CST **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

Agenda Highlights:
Stormwater management objectives
- Slowing the flow of stormwater
- Facilitating infiltration

Using vegetated swales to meet stormwater objectives
- Types of swales
- Benefits and drawbacks
- Applications for swales
- Design and construction of swales

Using infiltration berms to meet stormwater objectives
- Types of berms
- Benefits and drawbacks
- Applications for berms
- Design and construction of berms

Case studies

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

22 USH2BSSI 2 24 WEBR LH

9. How to Select and Plant the Proper Tree from a Nursery: A Guide for Design Professionals

Friday, March 11, 2022 | 1:00 - 3:00 pm CST **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
ISA: 2.0 Certified Arborist, Municipal Specialist; 1.0 BCMA Science, BCMA Practice; 0.0 BCMA Management, Climber Specialist, Utility Specialist, Aerial Lift

Agenda Highlights:
Assess the site conditions for planting
How to select the right tree for your location
How to assess plant health at the nursey
Performing structural pruning at planting time
Prepare the planting area, plant properly, and water properly

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

22 USH2SPPT 3 11 WEBR WL