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 FL, KS, NJ, TN and TX, 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), North Carolina (No. S-0130), and North Dakota.
Course-by-Course Providers:
Association of State Floodplain Managers
International Society of Arboriculture
Society of American Foresters
American Planning Association/APA

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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)

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Deep Dive Webinar Series

Nine short webinars that each take a look at a single subject in July 2021

1. Deep Dive into Environmental and Geotechnical Engineering
2. Deep Dive into Sustainable Lumber
3. Deep Dive into Embodied Carbon in Buildings
4. Deep Dive into Native Plant Selection Best Practices
5. Deep Dive into Construction Project Delivery Systems
6. Deep Dive into Design and Hydrologic Modeling of Bio Retention Systems
7. Deep Dive into Barrier-Free Requirements in Outdoor Spaces
8. Deep Dive into Means of Egress Requirements
9. Deep Dive into Living Green Walls

Each webinar earns continuing education credit. Look inside for details and visit us online at www.halfmoonseminars.org for more information.

AIA Continuing Education Provider

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1. Deep Dive into Environmental and Geotechnical Engineering

Wednesday, July 7, 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 International Code Council: Pending (Building)

Agenda:

Environmental
- Phase I environmental site assessment
- Phase II site investigations
- Asbestos and lead-based paint surveys
- Remedial actions
- Administrative and procedural hurdles
- Potential cost saving measures

Geotechnical
- Geotechnical investigation
- Regional geologic and special considerations
- Design consultation and pre-construction involvement
- Construction phase testing and inspection
- Potential cost saving measure

Presented by Keith T. D'Ambrosio, PE, LSRP *Vice President of Whitestone Associates, Inc.*
Laurence W. Keller, P.E. *Principal at Whitestone Associates, Inc.*

21 USDDGEOE 7 7 WEBR JB

2. Deep Dive into Sustainable Lumber

Thursday, July 8, 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 International Code Council: Pending (Sustainability)

Agenda:

Defining unsustainable lumber
Problems associated with unsustainable lumber
Types of wood products that are inherently more sustainable
Sustainable lumber certifications
- Forest Stewardship Council
- Sustainable Forest Initiative
- American Tree Farm System and Canadian Standards Association

Sustainability of local lumber
Sustainability of reused lumber
Sustainability of lumber alternatives
Designing for disassembly
The future of lumber

Presented by David Bennink *Owner at RE-USE Consulting*

21 USDDSLBR 7 8 WEBR PC

3. Deep Dive into Embodied Carbon in Buildings

Thursday, July 8, 2021 | 1:00 - 3:00 pm CDT **Tuition**: $100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW International Code Council: Pending (Sustainability)

Agenda:

What is embodied carbon, and why is it important?
Embodied carbon vs. operational carbon
Measuring embodied carbon
Embodied carbon reduction goals
Stakeholders and partners
Strategies for reducing embodied carbon
Educating others on embodied carbon

Presented by Alan Scott, FAIA, LEED Fellow, LEED AP BD+C, O+M, WELL AP, CEM
Intertek Building Science Solutions in Portland, Oregon

21 USDDECRB 7 8 WEBR LH

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. Self-study packages do not qualify for AIA or LA CES credit.

4. Deep Dive into Native Plant Selection Best Practices

Tuesday, July 13, 2021 | 1:00 - 4:30 pm CDT (incl. two 15-min. breaks) **Tuition**: $150

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: Pending Landscape Architects: 3.0 HSW CE Hours LA CES: 3.0 HSW PDHs

Agenda:

Getting clear about native, nonnative, naturalized and invasive plants
Using straight species plants vs. native cultivars (nativars) - pros and cons
Exploring genetic diversity, ecoregions and local ecotype plants
Understanding plant reproduction requirements
(self-fertile species vs. plants that need partners)
Using aggressive natives in the landscape
(stoniferous, rhizomatous and prolific self-seeding plants)
Plant selection considerations for wildlife and ecosystem health

Presented by Kim Eierman *Founder of EcoBeneficial LLC*

21 USDDNPBP 7 13 WEBR LH

5. Deep Dive into Construction Project Delivery Systems

Wednesday, July 14, 2021 | 1:00 - 3:00 pm CDT **Tuition**: $100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 CE Hours (not HSW)
AIA: 2.0 LU|Elective International Code Council: .2 CEUs (Administration)

Agenda:

Legal rights/duties of construction entities:
- Contractors
- Design services firms
- Subcontractors
- Suppliers

Design-bid-build
- Entering into construction contracts and agreements in the traditional construction process

Design-build
- Entering into contracts and agreements
- Contractor-led, designer-led, joint venture, and developer-led projects

Presented by Jason N. Smith *Partner at Seyfarth Shaw LLP, Washington D.C.*

21 USDDCPDS 7 14 WEBR TC

6. Deep Dive into Design and Hydrologic Modeling of Bio Retention Systems

Friday, July 16, 2021 | 10:00 am - 12:00 pm CDT **Tuition**: $100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: Pending Landscape Architects: 2.0 HSW CE Hours LA CES: Pending
Floodplain Managers: 2.0 ASFPM CECs International Code Council: Pending (Sitework)

Agenda:

Describe bioretention systems, what they are and how they work
Overview of soil types and soil testing for bioretention systems
Calculating drainage area and sizing bioretention systems on different slopes and soil types (using Autocad and screen sharing)
Modeling of bioretention systems using Hydrocad for small, frequent storms (using screen sharing)
Demonstrate how bioretention can be used to address larger rainfall events (using screen sharing)

Presented by Steven D. Trinkaus *Trinkaus Engineering LLC*

21 USDDDBRS 7 16 WEBR AM

To register, view detailed presenter biographies and agendas, and to see other learning opportunities, please visit:
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or call our Customer Service Department at (715) 835-5900

7. Deep Dive into Barrier-Free Requirements in Outdoor Spaces

Wednesday, July 21, 2021 | 8:30 - 10:00 am CDT **Tuition**: $75

Credits: Professional Engineers: 1.5 PDHs Architects: 1.5 HSW CE Hours
AIA: Pending Landscape Architects: 1.5 HSW CE Hours LA CES: 1.5 HSW PDHs
International Code Council: Pending (Accessibility)

Agenda:

Brief history of anti-discrimination
Americans with Disabilities Act
International Building Code
Accessibility
Current applications of accessibility
Future implications – aging in place

Presented by Jan Degenshein *Architect Planner PC, with offices in Nyack, NY and Norwalk, CT*

21 USDDBFOS 7 21 WEBR CP

8. Deep Dive into Means of Egress Requirements

Friday, July 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 International Code Council: .2 CEUs (Fire)

Agenda:

Exit access, discharge and other components
- Impediments to egress

Calculating and determining occupant loads
- Gross vs net

Arrangement of exits
Equivalency discussion

Presented by Jake Zlomie, CFPS *Fire Marshall, Montana State University*

21 USDDEGRS 7 23 WEBR TB

9. Deep Dive into Living Green Walls

Friday, July 23, 2021 | 1:00 - 3:00 pm CDT **Tuition**: $100

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

Agenda:

Benefits of living walls
Design considerations for living wall installations
Plant design and pairing for living walls
Budgeting for your living wall project
Maintaining a living wall

Presented by Mike Haynes *Marketing and Sales Specialist at LiveWall, LLC*

21 USDDILGW 7 23 WEBR FC

Additional Learning - How-To Webinar Series

Live and interactive webinars that teach new skills

How to Use Less Toxic Insect Control in Exterior Spaces
- Thurs, July 8, 2021|11:00 am - 1:00 pm CDT

How to Design Building Utility Systems to Resist Flood Damage
- Mon, July 12, 2021|11:30 am - 4:00 pm CDT

How to Use Less Toxic Weed Control
- Tues, July 13, 2021|10:00 am - 12:00 pm CDT

How to Utilize Modular Construction (and Why)
- Tues, July 20, 2021|11:00 am - 1:00 pm CDT

How to Design a More Bird-Friendly Building
- Wed, July 21, 2021|8:30 - 10:30 am CDT

How to Naturalize an Existing Stormwater Detention/Retention Basin
- Wed, July 21, 2021|10:00 am - 12:00 pm CDT

Understanding and Working with Urban Soils
- Fri, July 23, 2021|8:30 - 10:30 am CDT

How to Convince Owners to Build Sustainably
- Thurs, July 29, 2021|11:00 am - 1:00 pm CDT

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