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 landscape architects, engineers and architects are not subject to pre-approval. HalfMoon Education does not apply for landscape courses in FL, NC, and NJ, unless expressly stated.

HalfMoon Education Certifying Entities

Landscape Architecture Continuing Education System
American Institute of Architects Continuing Education System (No. J885)
International Code Council (Preferred Provider No. 1232)
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 Organizations:
International Society of Arboriculture
Society of American Foresters
Association of State Floodplain Managers

HalfMoon Education is deemed a New York-approved continuing education provider for landscape architects, engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §79-1.5(i)(2), §68.14(i)(2) and §69.6(i)(2)). AIA non-HSW courses do not qualify for New York engineering 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.***

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Early Fall Webinar Catalog
Ten Live, Interactive Webinars
For Architects, Engineers and more!

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Early Fall Webinar Catalog

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HalfMoon Education Online Learning

Early Fall Webinar Catalog

Ten Live, Interactive Webinars

For Architects, Engineers, Landscape Architects and More!



1. Foundations in Cold Regions
2. The Arborist Short Course:
   Advanced Tree Knowledge for Better Tree Care
3. Designing and Constructing a Net-Zero Energy Home
4. Drones in Construction
5. A Roadmap to Ethical Issues in Construction
6. Soil Mechanics, Bearing Capacity
   and Slope Stabilization in New England
7. Soil Testing, Properties and Uses
8. International Building Code 2021
9. Advanced Healthy HVAC:
   Balancing First Cost, Occupant Comfort, and Safety
10. Parking Structure Design, Construction,
    and Maintenance

LA CES
ICC PREFERRED EDUCATION PROVIDER

HalfMoon Education Inc.
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1. Foundations in Cold Regions

Thursday, September 23, 2021 | 11:00 am - 2:15 pm CDT (incl. a 15-min break) **Tuition**: $289
Friday, September 24, 2021 | 11:00 am - 2:15 pm CDT (incl. a 15-min break)

Credits: Professional Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours
AIA: 6.0 LU|HSW International Code Council: .6 CEUs (Building)

Agenda Highlights:
Introduction to cold regions foundations
Shallow foundation design in cold regions
Deep foundation design in cold regions
Foundation construction in cold regions

Presented by Steven Halcomb *Geotechnical Engineer, CRW Engineering Group, LLC*

21 USFDCLD1 9 23 WEBR AM - 21 USFDCLD2 9 24 WEBR AM

2. The Arborist Short Course: Advanced Tree Knowledge for Better Tree Care

Friday, September 24, 2021 | 7:30 am - 3:30 pm CDT (incl. a 60-min break) **Tuition**: $289

Credits: Professional Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours
AIA: 6.5 LU|HSW Landscape Architects: 6.5 HSW CE Hours LA CES: 6.5 HSW PDHs
Certified Arborists: 6.5 ISA CEUs Foresters: 6.5 SAF Category 1 CFE Credits

Agenda Highlights:
Soils: Compaction, hydrology, nutrients, care
Roots: Structure, pruning, establishment, defects
Biology: Processes, health, responses, CODIT
Biomechanics: Young tree training, branch structure, risk, thigmomorphogenesis
Pruning: Techniques, restoration, structure, standards
Deforestation By Design™: Avoiding predictable failures, poor materials, poor planning, poor planting

Presented by John Palmer, BCMA *PlanetCare Landscape and Arboricultural Services*

21 OHARBRSC 9 24 WEBC WL

3. Designing and Constructing a Net-Zero Energy Home

Monday, September 27, 2021 | 8:30 am - 12:45 pm CDT (incl. a 15-min break) **Tuition**: $289
Tuesday, September 28, 2021 | 8:30 am - 1:15 pm CDT (incl. a 15-min break)

Credits: Professional Engineers: 8.5 PDHs Architects: 8.5 HSW CE Hours
AIA: 8.5 LU|HSW International Code Council: .85 CEUs (Energy)

Agenda Highlights:
Residential energy efficiency requirements
Introduction to project: Net zero energy home
Workshop: Designing an energy-efficient envelope
Workshop: Choosing windows and doors
Workshop: Designing heating and cooling systems
Workshop: Electrical systems and distributed energy resources
Project wrap-up

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

21 USDCN0EH1 9 27 WEBR JB - 21 USDCN0EH2 9 28 WEBR JB

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

4. Drones in Construction

Tuesday, September 28, 2021 | 9:30 am - 5:00 pm CDT (incl. a 30-min break) **Tuition**: $289

Credits: Professional Engineers: 6.5 PDHs Architects: 6.5 CE Hours (non-HSW)
AIA: 6.5 LU|Elective

Agenda Highlights:
Overview of unmanned aircraft systems (UAS) in construction
UAS regulation, risk and liability
Construction site mapping with UAS
Using UAS to monitor progress, and maintain safety and quality
Post-construction: Using UAS to conduct periodic structural inspections

Presented by Chuck Adams *1UP Aerial Drone Services, headquartered in Golden, CO*

21 USDRONIC 9 28 WEBR CP

5. A Roadmap to Ethical Issues in Construction: A Primer for Design Professionals

Wednesday, September 29, 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: .2 CEUs (Administration)

Agenda:
Overview and introduction to design professional's ethics
Legal and ethical issues in construction practice and disputes
Group scenarios with real implications
Ethical dimension of the design professional's practice - does it matter?
Adopting practices which minimize ethics issues
Avoiding ethical issues during the bidding process
Your duties to your employer, the project owner, and other project participants
The ethics of safety: fulfilling duties to employees and the public

Presented by Wojciech "Voytek" Jackowski
Principal, Commercial Litigation Practice Group Chair, Offit Kurman P.A.

21 USRETHIC 9 29 WEBR TB

6. Soil Mechanics, Bearing Capacity and Slope Stabilization in New England

Thursday, October 7, 2021 | 7:30 am - 3:30 pm CDT (incl. a 60-min break) **Tuition**: $289

Credits: Professional Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours
AIA: 6.5 LU|HSW International Code Council: .65 CEUs (Sitework)

Agenda Highlights:
Soil investigation and classification
Reviewing hydraulic and mechanical properties of soils
Determining and increasing bearing capacity
Determining and increasing slope stability

Presented by Antonios Vytiniotis, Ph.D., P.E. *Managing engineer in Exponent's Civil practice*

21 USSMBCSS 10 7 WEBR AM

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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.

7. Soil Testing, Properties and Uses

Wednesday, October 13, 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: .2 CEUs (Sitework)

Agenda:
Soil properties
Lab testing of soil
Field testing of soil
Preparing and reading soil and test reports
The different types of soil
How to select the proper soil test for your specific project/application

Presented by Bill Simpson
P.E., Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC

21 USSOILTP 10 13 WEBR LH

8. International Building Code 2021

Thursday, October 14, 2021 | 8:00 am - 4:00 pm CDT (incl. a 60-min break) **Tuition**: $289

Credits: Professional Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours
AIA: 6.5 LU|HSW International Code Council: .65 CEUs (Building)

Agenda Highlights:
A brief history of modern code development
Chapter 5: General Building Heights and Areas
Chapter 6: Types of Construction
Chapter 7: Fire and Smoke Protection Features
Chapter 8: Interior Finishes
Chapter 9: Fire Protection and Life Safety Systems
Chapter 10: Means of Egress
Chapters 11, 16, 17, and 29

Presented by Jerry R. Tepe, FAIA *Owner at JRT-AIA Architect, in Concord, New Hampshire*

21 USIBCODE 10 14 WEBR TB

9. Advanced Healthy HVAC: Balancing First Cost, Occupant Comfort, and Safety

Friday, October 15, 2021 | 8:30 am - 5:00 pm CDT (incl. a 60-min break) **Tuition**: $289

Credits: Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours
AIA: 7.0 LU|HSW International Code Council: .7 CEUs (Building)

Agenda Highlights:
HVAC codes and standards
Sustainability metrics
Indoor environmental quality
Protection from covid-19, other infections aerosols, allergens and pollutants
HVAC systems, design considerations, and options
Economics of engineering, energy efficiency, and indoor environmental quality
HVAC building system controls (high level)

Presented by Blair Richardson, P.E., CEM, LEED *BL Companies*

21 USADHVAC 10 15 WEBR BA

10. Parking Structure Design, Construction, and Maintenance

Friday, October 15, 2021 | 8:00 am - 3:30 pm CDT (incl. a 30-min break) **Tuition**: $289

Credits: Professional Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours
AIA: 6.5 LU|HSW International Code Council: .65 CEUs (Building)
Certified Planner/AICP: CM | 6.5 CEUs

Agenda Highlights:
Parking planning
Parking structure design and construction
Maintenance, restoration, and future considerations

Presented by Rob McConell, PE, LEED, Green Associate *Vice President Parking Solutions*

21 USPKSDCM 10 15 WEBR TB