

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 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)). Only AIA HSW-approved courses qualify for NY engineering or architecture 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.***

Added Value: Enhance your learning - recordings of these webinar will be available for attendees to stream online for two weeks after the program date. (live webinar attendance required to receive live webinar credit)

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.

Late Summer Webinar Catalog 2022

Ten Live, Interactive Webinars
For Architects, Engineers and more!

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Late Summer Webinar Catalog 2022

Ten Live, Interactive Online Webinars

To register, view webinar agendas, credit information and to learn about our distinguished faculty, please visit us online at:
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.

Special Offer: Use Coupon Code **LSUMM22** at checkout online to receive **25% off** tuition when you spend \$700 or more on the programs listed in this brochure.



HalfMoon Education Online Learning

Late Summer Webinar Catalog 2022

Ten Live, Interactive Webinars

For Architects, Engineers, Landscape Architects and More!



1. Designing and Constructing a Net-Zero Energy Home
2. Highway Bridge Design, Evaluation, Inspection and Rehabilitation
3. 2021 International Residential Code: Residential Non-Structural Design
4. Pavement Design, Construction and Maintenance
5. Moisture Control in Buildings in the Southcentral US
6. Stream Restoration for Design Professionals
7. Designing Accessible Pedestrian Facilities under ADA, IBC and PROWAG
8. Practical Engineering Economics
9. Handling Ethical Issues Associated with Defects and Failures
10. Floodplain Mapping, Insurance and Regulation



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

1. Designing and Constructing a Net-Zero Energy Home

Monday, July 25, 2022 | 11:00 am - 3:30 pm CDT (incl. a 15-min break) Tuition: \$319
Friday, July 29, 2022 | 11:00 am - 1:30 pm CDT (incl. a 15-min break)
Credits: Professional Engineers: 6.5 PDHs Architects: 6.5 HSW CE Hours
AIA: 6.5 LU|HSW International Code Council: .65 CEUs (Energy)
Agenda Highlights:
Residential energy efficiency requirements
Introduction to project: net-zero energy home
Workshop: designing heating and cooling systems
Workshop: electrical, power, lighting and renewable energy systems
Workshop: designing an energy-efficient envelope
Workshop: choosing windows and doors
Presented by
Heather Holdridge EIT Associate AIA LEED Fellow Lake | Flato Architects
Cody Farmer MainStream Corporation
22 USDCN0EH1 7 25 WEBR SC - 22 USDCN0EH2 7 29 WEBR SC

2. Highway Bridge Design, Evaluation, Inspection and Rehabilitation

Monday, July 25, 2022 | 8:30 am - 12:15 pm CDT (incl. a 15-min break) Tuition: \$319
Tuesday, July 26, 2022 | 8:30 am - 12:15 pm CDT (incl. a 15-min break)
Credits: Professional Engineers: 7.0 PDHs Architects: 7.0 HSW CE Hours
AIA: 7.0 LU|HSW International Code Council: .7 CEUs (Building)
Certified Planners: CM|7
Agenda Highlights:
Bridge design
• AASHTO LRFD bridge design specifications • LRFD method of bridge design
• HL-93 loads, load combinations and resistance factors
Bridge design types
• Prestressed concrete bridges, bridge deck design, steel bridges, timber bridges
Bridge inspection and evaluation
Bridge repair and rehabilitation
Case studies
Presented by Nur Yazdani, Ph.D., P.E., F.ASCE, F.ACI, F.SEI
Professor and past chairperson, Civil Engineering Department at the University of Texas at Arlington
22 USHBDEI1 7 25 WEBR LH - 22 USHBDEI2 7 26 WEBR LH

3. 2021 International Residential Code: Residential Non-Structural Design

Wednesday, July 27, 2022 | 11:00 am - 3:30 pm CDT (incl. a 30-min break) Tuition: \$209
Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)
Agenda Highlights:
Fire separation distances and planning Fireblock materials and locations
Draftspotting materials and locations Fire wall construction
Exterior wall coverings Interior wall coverings
Flashing Roof materials
Roof system ventilation Attic access
Roof insulation Reroofing
Window and doors Mounted photovoltaic systems
Presented by Joseph Iliff, CBO Building & Zoning Director for Village of Swansea, Illinois
22 USIRCNSD 7 27 WEBR WL

4. Pavement Design, Construction and Maintenance

Wednesday, July 27, 2022 | 10:00 am - 1:10 pm CDT (incl. a 10-min break) Tuition: \$319
Thursday, July 28, 2022 | 10:00 am - 1:40 pm CDT (incl. a 10-min break)
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
International Code Council: .65 CEUs (Sitework)
Agenda Highlights:
Principles of pavement design
Asphalt pavement design
Asphalt pavement maintenance, repair and rehabilitation
Concrete pavement design
Concrete pavement maintenance, repair and rehabilitation
Sustainability of pavements
Presented by Dr. Armen Amirkhanian Assistant professor at The University of Alabama
22 USPVMDS1 7 27 WEBR LH - 22 USPVMDS2 7 28 WEBR LH

5. Moisture Control in Buildings in the Southcentral US

Thursday, July 28, 2022 | 8:30 am - 4:00 pm CDT (incl. a 60-min break) Tuition: \$319
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:
Common shortcuts and construction defects that lead to the prevalent moisture damaged areas in building construction
Overview of exterior products and systems
Most common moisture intrusion locations
Moisture intrusion testing protocol Other common failure locations
Repair protocol and repair oversight
Available resources to avoid moisture intrusion
Presented by Michael Minigh MoistureTech Consulting
22 LAMSTRCB 7 28 WEBR SC

6. Stream Restoration for Design Professionals

Thursday, July 28, 2022 | 9:00 am - 4:30 pm CDT (incl. a 30-min break) Tuition: \$319
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
Floodplain Managers: 6.5 ASFPM CECs
Agenda Highlights:
The behavior of surface water Introduction to geomorphology
Tools for assessment and restoration Design considerations
Lessons learned: construction considerations
Presented by Brian J. Kwiatkowski Certified Professional Ecologist
22 USSTRMRS 7 28 WEBR WL

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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

7. Designing Accessible Pedestrian Facilities under ADA, IBC and PROWAG

Wednesday, August 3, 2022 | 8:30 - 11:45 am CDT (incl. a 15-min break) Tuition: \$319
Thursday, August 4, 2022 | 8:30 am - 12:15 pm CDT (incl. a 15-min break)
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: Pending
International Code Council: .65 CEUs (Accessibility) Certified Planners: CM|6.5
Agenda Highlights:
Public rights-of-way Providing accessible pedestrian access routes
Providing accessible pedestrian street crossings, parking and transit stops
Shared use path guidelines
Presented by Kristi Avalos President and CEO of Accessology Too, LLC
22 USDAPAD1 8 3 WEBR PC - 22 USDAPAD2 8 4 WEBR PC

8. Practical Engineering Economics

Thursday, August 4, 2022 | 8:30 am - 4:20 pm CDT (incl. a 30-min break) Tuition: \$319
Credits: Professional Engineers: 7.0 PDHs
Agenda Highlights:
Using economic principles to make better engineering decisions
Engineering projects and the time value of money
Calculating present, future and annual worth
Applying economics to engineering: equipment purchase cost estimating
Applying economics to engineering: estimating production costs
Applying economics to engineering: economic evaluation of projects
Presented by Ha Yeung (Henry) Yu
Senior Cost Engineer at the Port Authority of New York and New Jersey
22 USPENGEC 8 4 WEBR PC

9. Handling Ethical Issues Associated with Defects and Failures

Tuesday, August 9, 2022 | 10:00 - 11:00 am CDT Tuition: \$75
Credits: Professional Engineers: 1.0 PDH* Architects: 1.0 non-HSW CE Hour*
AIA: 1.0 LU| Elective* (*no credit for New York architects or engineers)
Agenda Highlights:
Understanding the parties' roles and relationships
Understanding the liability and indemnification provisions in construction documents
Duty to raise potential safety, durability issues
Making warranties and guarantees Working outside areas of competence
Presented by Steven Nudelman Partner, Greenbaum, Rowe, Smith & Davis, LLP
22 USHETHIS 8 9 WEBR LF

10. Floodplain Mapping, Insurance and Regulation

Wednesday, August 10, 2022 | 10:00 am - 1:15 pm (incl. a 15-min break) Tuition: \$319
Thursday, August 11, 2022 | 10:00 am - 1:15 pm (incl. a 15-min break)
Credits: Professional Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours
AIA: 6.0 LU|HSW Landscape Architects: 6.0 HSW CE Hours LA CES: 6.0 HSW PDHs
Land Surveyors: 6.0 PDHs (in Most States) Floodplain Managers: 6.0 ASFPM CECs
Certified Planners: CM|6
Agenda Highlights:
Flood insurance rate maps, flood insurance studies, and Letters of Map Change
National Flood Insurance Program and International Building Codes: development standards for floodplains
Presented by William Nechamen, CFM Principal and Owner of Nechamen Consulting, LLC
22 USFLDMM1 8 10 WEBR LF - 22 USFLDMM2 8 11 WEBR LF