

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 NJ or land surveyor courses in NJ or DE, unless expressly stated.

HalfMoon Education Certifying Entities

American Institute of Architects Continuing Education System (No. J885)
International Code Council (No. 1232)
Landscape Architecture 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 these events, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

On-Demand Credits: Credit information applies only to the live presentation.

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.***

Can't Attend? Order Most of These Webinars as On-Demand Packages!

Recordings of most webinars 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.

March Short Webinar Catalog

11 Live, Interactive Online Webinars

NON-PROFIT
U.S. POSTAGE PAID
EAU CLAIRE, WI
PERMIT NO. 2016

HalfMoon Education Inc.
PO Box 278
Altoona, WI 54720-0278



March Short Webinar Catalog

11 Live, Interactive Online Webinars

To register, 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 **MARCHSHORT24** at checkout online to receive **25% off** tuition when you spend \$400 or more on the programs listed in this brochure.



HalfMoon Education Live Webinars

March Short Webinar Catalog

11 webinars that each take a look at a single subject



1. Current Issues in Green HVAC
2. Electrifying Existing Homes: Equipment Selection and Layout
3. Basics of Solar Electricity
4. Making Changes to Construction Contracts
5. Deep Dive into Wetland Mitigation Banking
6. Managing Nitrogen and Phosphorus in Soils
7. Federal Wetland Identification, Permitting and Certification
8. Specifying Active and Passive Floodproofing Options For Building Sustainability
9. Deep Dive into Asphalt Additives and Modifiers
10. The Language of Horticulture: A Primer
11. Building Classification and Mixed Use Design Options

To register, visit us online at
www.halfmoonseminars.org
or call our Customer Service Department at (715) 835-5900



AIA
Continuing
Education
Provider



PREFERRED
EDUCATION
PROVIDER



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

1. Current Issues in Green HVAC

Friday, March 1, 2024 | 2:00 - 4:00 pm CST Tuition: \$109

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

Agenda Highlights:
New developments in using air-source heat pumps in cold climates
Geothermal water-to-air source heat pumps
Reviewing the basics of efficiency standards and terms
Operation Economics
Retrofit considerations Tax credits for residential use and incentives
Understanding different refrigerant changes and why they're important

Presented by Jeffrey Smith
Founder and owner of J.A. Smith Heating & Air Conditioning, Inc. of Warminster, Pennsylvania
24 SWGRHVAC 3 1 WEBR AM

2. Electrifying Existing Homes: Equipment Selection and Layout

Monday, March 4, 2024 | 10:00 am - 12:00 pm CST Tuition: \$109

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

Agenda Highlights:
Goals of equipment selection Checking sizing calculations
Understanding heat pump specs Ducted systems
Ductless systems Multi-zone heat pumps: Special considerations
Example applications

Presented by Jon Harrod, Ph.D. Contractor, author, and electrification advocate
24 SWELECEH 3 4 WEBR LH

3. Basics of Solar Electricity

Thursday, March 7, 2024 | 10:00 am - 12:00 pm CST Tuition: \$109

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

Agenda Highlights:
Solar photovoltaic (PV) introduction
System components Sizing a PV system
Optimizing a PV system Financial considerations
Energy storage Case study

Presented by Paul Westbrook President of RE:source Design in Fairview, TX
24 SWDDSOLR 3 7 WEBR WL

4. Making Changes to Construction Contracts

Monday, March 11, 2024 | 10:00 am - 12:00 pm CDT Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs*** Architects: 2.0 HSW CE Hours***
AIA: 2.0 LU|Elective* International Code Council: .2 CEUs (Administration)**
(not approved for NY engineer or architect credit)

Agenda Highlights:
What a change order does and doesn't do
Alternatives to change orders Constructive change orders and their effects
When to request or write a change order
Writing change orders Making change orders effective
Resolving disputes about changes

Presented by Steven Nudelman Attorney with Greenbaum, Rowe, Smith & Davis LLP
Justine DelVecchio Attorney with Greenbaum, Rowe, Smith & Davis LLP
24 SWDDMCCC 3 11 WEBR LL

5. Deep Dive into Wetland Mitigation Banking

Tuesday, March 12, 2024 | 9:00 - 11:00 am CDT Tuition: \$109

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*
Certified Planners: CM|2

Agenda Highlights:
Mitigation banking overview history of mitigation banking
Clean water act regulatory framework market analysis and valuation
Getting a wetland bank project approved wetland bank approval process case study
Evaluating credit yield

Presented by Tim Smith Aquic – Wetland and Stream Mitigation Strategies
24 SWDDWTMB 3 12 WEBR SC

6. Managing Nitrogen and Phosphorus in Soils

Wednesday, March 13, 2024 | 9:00 - 11:00 am CDT Tuition: \$109

Credits: Professional Engineers: 6.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: 2.0 HSW PDHs*

Agenda Highlights:
Nitrogen
• Understanding the nitrogen cycle • Beneficial effects of nitrogen in soil
• Fixing – and using – nitrogen in soil • Preventing nitrogen runoff
Phosphorus
• Understanding the phosphorus cycle • Beneficial effects of phosphorus in soil
• Fixing – and using – phosphorus in soil • Preventing phosphorus runoff

Presented by W. Ashley Hammac, Ph.D. President/Soil Scientist, Geosmin Agricultural Solutions
24 SWNPISOIL 3 13 WEBR TD

7. Federal Wetland Identification, Permitting and Certification

Monday, March 18, 2024 | 10:00 am - 12:00 pm CDT Tuition: \$109

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*
Certified Planners: CM|2 Floodplain Managers: 2.0 ASFPM CECs

Agenda Highlights:
Identifying and Delineating Wetlands
Wetlands Permitting Process
• Wetlands determinations and delineations
• Determining applicability of regulations
• Wetland permitting and certification processes

Presented by Charly Bloom WHM Consulting, LLC
Jonas Reagan Beveridge & Diamond
24 SWFWTLIP 3 18 WEBR PW

Learn More and Register:
www.halfmoonseminars.org
Customer Service (715) 835-5900 Ext. 1

*Live course approval. Pre-approval for on-demand format may be available upon request.
**Live course approval. Not approved for on-demand format.
***No credit for NY licensees

or scan here



8. Specifying Active and Passive Floodproofing Options For Building Sustainability

Tuesday, March 19, 2024 | 12:30 - 2:30 pm CDT Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: Pending* International Code Council: .2 CEUs (Building)**
Floodplain Managers: 2.0 ASFPM CECs

Agenda Highlights:
Recognize applicable building codes, FEMA regulations, and local ordinances pertaining to floodproofing
Explain the differences between wet and dry floodproofing techniques and understand the design benefit for each option
Review active vs. passive floodproofing solutions, the overall impact of ownership, and how they affect the building's sustainability
Identify specific floodproofing options including flood barriers, floodproof windows, and flood vents

Presented by Brian Shaw Certified Floodplain Manager, Floodproofing.com
24 SWSAPFBS 3 19 WEBR LH

9. Deep Dive into Asphalt Additives and Modifiers

Tuesday, March 19, 2024 | 1:00 - 4:15 pm CDT Tuition: \$159

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

Agenda Highlights:
What are additives and modifiers? Common purposes of additives and modifiers
ASTM standards Chemical and mineral additives

Presented by Sharareh Shirzad, Ph.D. Assistant Professor at Appalachian State University
24 SWDDASAM 3 19 WEBR CP

10. The Language of Horticulture: A Primer

Thursday, March 21, 2024 | 2:00 - 4:00 pm CDT Tuition: \$109

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*

Agenda Highlights:
Categories of plants used in landscaping and their defining features
Plant taxonomy and nomenclature
Scientific vs. common names; recent name changes
Defining terms Asexual vs. sexual propagation
Types of plant pollination and the impact on plant selection
Plant durations and growth habits Terms for identifying plant and plant part structures
Other useful horticultural terms Plant case studies/examples

Presented by Kim Eierman Founder of EcoBeneficial LLC
24 SWFOHORT 3 21 WEBR LH

11. Building Classification and Mixed Use Design Options

Wednesday, March 27, 2024 | 1:30 - 4:30 pm CDT Tuition: \$159

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

Agenda Highlights:
Establishing occupancy classification Defining mixed occupancy
Treatment of mixed occupancies under2021 International Building Code
Determine design options for code compliance

Presented by Greg Karow, C.B.O. CEO of Code Educational Opportunities
24 SWBCMUDO 3 27 WEBR PW