

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 NY 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 Tuesday, July 19, 2022 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: 2G 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.

July Short Webinar Catalog 2022

Nine Live, Interactive Online Webinars

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July Short Webinar Catalog

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

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

Special Offer:

Spend \$300 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **JULYSHORT2022** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



HalfMoon Education Live Webinars

July Short Webinar Catalog 2022

Nine webinars that each take a look at a single subject



1. Ethical Issues in Sustainable Design: Understanding and Preventing Greenwashing
2. Deep Dive into Sustainable Lumber
3. How to Design Foundations for Expansive Soils
4. Applying Passive Solar Design To Conventional Homes
5. How to Design and Construct a Cantilever Retaining Wall
6. Handling Ethical Issues in Government Projects
7. How to Design Electric Vehicle Charging Facilities
8. Deep Dive into Special Inspections/ Third Party Inspections
9. How to apply for a Letter of Map Amendment, Start to Finish

To register, visit us online at

www.halfmoonseminars.org

or call our Customer Service Department at (715) 835-5900



1. Ethical Issues in Sustainable Design: Understanding and Preventing Greenwashing

Wednesday, July 6, 2022 | 2:00 - 3:00 pm CDT **Tuition:** \$75

Credits: Professional Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour
AIA: 1.0 LU|HSW International Code Council: .1 CEU (Sustainability)

Agenda Highlights:
Using criteria to identify sustainable products and processes
Using criteria to identify greenwashing Anti-greenwashing initiatives
Evaluating greenwashing case studies

Presented by Lauren Valastro *Partner/Attorney at Diamond McCarthy LLP*
22 USETHSD 7 6 WEBR LF

2. Deep Dive into Sustainable Lumber

Thursday, July 7, 2022 | 11:00 am - 1:00 pm CDT **Tuition:** \$109

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

Agenda Highlights:
Defining 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
Sustainability vs. affordability
Design for disassembly
Beyond lumber: sustainable wood products

Presented by David Bennink *Owner at RE-USE Consulting*
22 USDDSLBR 7 7 WEBR PC

3. How to Design Foundations for Expansive Soils

Friday, July 8, 2022 | 1:00 - 4:15 pm CDT (incl. a 15-min break) **Tuition:** \$159

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: Pending International Code Council: Pending

Agenda Highlights:
Defining expansive soils
Identifying foundation problems caused by expansive soils
Determining whether your site includes expansive soils
Foundation design for expansive soils

- Shallow foundations
- Slab-on-grade foundations
- Basements
- Deep foundations

Engineering soils and site conditions
Diagnosing and repairing foundation damage in expansive soils

Presented by Daniel Messmer P.E. D. GE
Project Manager with The Gateway Engineers, Inc., in Pittsburgh
22 USH2DFES 7 8 WEBR SC

To register and to see other learning opportunities, please visit:
www.halfmoonseminars.org
or call our Customer Service Department at (715) 825-5900

4. Applying Passive Solar Design To Conventional Homes

Monday, July 11, 2022 | 2:30 - 4:30 pm CDT **Tuition:** \$109

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:
Passive solar as a non-electric, non-mechanical way to add heat
Importance of properly sized south-facing windows with access to winter sun
Importance of superior thermal envelope on passive solar
Positives of higher SHGC for south-facing windows
Estimate and compare daily and monthly heat losses with solar heat gains
Roof overhangs and other summer shading for passive solar windows
How passive solar air moves naturally inside a mostly open, uncomplicated floorplan
Differences between direct passive solar gain and indirect gain via a sunspace
Properties of common thermal storage materials in passive solar homes
Why discuss furniture and rug placements with customers?
Common problems HVAC contractors encounter with older passive solar homes

Presented by John F. Robbins CEM/CSDP *Energy Consultant in Morning View, KY*
22 USAPSDCH 7 11 WEBR CP

5. How to Design and Construct a Cantilever Retaining Wall

Wednesday, July 13, 2022 | 10:00 am - 12:00 pm CDT **Tuition:** \$159

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
International Code Council: .2 CEUs (Sitework) Floodplain Managers: 2.0 ASFPM CECs

Agenda Highlights:
Cantilever walls, their applications and components
Design processes of a cantilever retaining system
Cast in place VS precast cantilever retaining walls
Hydraulic pressure, effects on wall behavior and pressure relief systems
External and internal stability of a cantilever system
Field applications and examples Case studies

Presented by Mahsa Hedayati, Ph.D., P.E.
Senior Geotechnical Engineer, Freese and Nichols, Inc.
22 USH2DCRW 7 13 WEBR WL

6. Handling Ethical Issues in Government Projects

Thursday, July 14, 2022 | 10:00 - 11:00 am CDT **Tuition:** \$75

Credits: Professional Engineers: 1.0 PDH Architects: 1.0 HSW CE Hour
AIA: 1.0 LU|HSW International Code Council: .1 CEU (Administration)

Agenda Highlights:
Overview of general ethical issues in government projects
Gifts and favors Conflicts of interest
Bidding documents and practices Contracts and subcontracts
Ethical issues in construction disputes

Presented by Mallory K. Smith
Associate Attorney with the Law Offices of Pullano & Farrow PLLC in Rochester, NY
22 USHETHGP 7 14 WEBR LF

Added Value: Enhance your learning - a recording of these webinars will be available for attendees to stream online for two weeks after the program date.
(Must attend live webinar to earn live webinar credits)

7. How to Design Electric Vehicle Charging Facilities

Tuesday, July 19, 2022 | 11:00 am - 1:00 pm CDT **Tuition:** \$109

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:
Understanding types of electric vehicles: EVs, BEVs, and PHEVs
Outlook for electric vehicle technology and adoption
Types of charging infrastructure Current electric vehicle charging options
Estimating number of connectors needed today and in the future
Locating infrastructure and addressing safety concerns
Cost and construction best practices

Presented by Sarah R. Davis, AICP *Founder + CEO | S.R.D. Consulting, LLC*
22 USH2EVCF 7 19 WEBR TB

8. Deep Dive into Special Inspections/ Third Party Inspections

Tuesday, July 19, 2022 | 11:00 am - 1:00 pm CDT **Tuition:** \$109

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:
Special inspection origins Special inspection roles and responsibilities
Statement of special inspections Material testing
Failure and defect review

Presented by Laurence W. Keller, P.E. *Principal at Whitestone Associates, Inc.*
22 USDDSI3P 7 19 WEBR AM

9. How to Apply for a Letter of Map Amendment, Start to Finish

Thursday, July 28, 2022 | 10:00 am - 12:10 pm CDT **Tuition:** \$109

Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: Pending Land Surveyors: 2.0 PDHs/CE Hours in Most States
Floodplain Managers: Pending

Agenda Highlights:
What is a Letter of Map Change, and why apply for one?
The differences between map amendments, map revisions, and variances
Required information to submit with a LOMA application, and where to find guidance, including:

- Preparing a description of the area that is the focus of the LOMA application
- Documenting sources of Base Flood Elevation for a LOMA application
- Reporting intervening high ground that affects a LOMA application
- Determining what flood zone the site should be in, rather than the mapped one

Online platforms for submitting map change applications: when to use one or the other
Responding to requests for additional information

Presented by Wendy Lathrop, PLS, CFM *President and Owner of Cadastral Consulting, LLC*
22 USH2ALMA 7 28 WEBR LH

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