

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 Architect Continuing Education System
American Institute of Architects Continuing Education System (Sponsor 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), North Carolina (No. S-0130), and North Dakota.
Course-by-Course Organizations:
American Planning Association (APA)
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)).

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 Mavericks - macOS Catalina, 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)

For more information visit the “Support” section at www.gotowebinar.com.

Can’t Attend? Order the Webinar as a Self-Study Package!

Recordings of these 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.

June How-To Webinar Series

Nine live and interactive short webinars that each teach a new skill

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June How-To Webinar Series

Nine Live, Interactive Short Webinars

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 June Deep Dive or How-to webinars and get 25% off! Use coupon code **2021JUNEDDH2** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



HalfMoon Education Online Learning

June How-To Webinar Series

Nine live and interactive short webinars that each teach a new skill



1. How to Design and Construct MSE Walls
2. How to Estimate Construction Costs for Commercial Buildings
3. Fruit Trees: Are They Right for Your Landscape Design?
4. How to Specify Concrete for Your Next Project
5. How to Design Aerobic Treatment Units for Onsite Wastewater Systems
6. How to Classify Buildings under the International Building Code
7. How to Identify and Mitigate Moisture Intrusion in Structures: Case Studies
8. How to Design for Noise Control in Buildings
9. How to Use Firestop Submittals to Improve Life Safety on Multi-family and Commercial Building Projects



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WWW.HALFMOONSEMINARS.ORG

1. How to Design and Construct MSE Walls

Wednesday, June 2, 2021 | 10:00 am - 1:30 pm CDT (incl. two 15-min. breaks) **Tuition:** \$150
Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW Landscape Architects: 3.0 HSW CE Hours LA CES: 3.0 HSW PDHs
Floodplain Managers: 3.0 ASFPM CECs International Code Council: Pending (Sitework)

- Agenda:**
Materials used in construction of an MSE wall
Geosynthetics cost, strength and applications
All materials used in the construction of the wall
How the wall interacts with other site features such as buildings and utilities
Design code requirements
Effects of water on the design and stability of the wall
Calculations for internal stability of an MSE wall
Example problem to calculate all internal stability factors of safety
Case histories demonstrating MSE wall failures and what NOT to do

Presented by Bill Simpson, P.E.
Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC
21 USH2DMSE 6 2 WEBR LH

2. How to Estimate Construction Costs for Commercial Buildings

Thursday, June 3, 2021 | 1:00 - 3:00 pm CDT **Tuition:** \$100
Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 CE Hours (non-HSW)
AIA: 2.0 LU|Elective International Code Council: .2 CEUs (Administration)

- Agenda:**
Types/levels of cost estimates
- Conceptual estimates - Design estimates - Bid estimates
- Renovation estimates - Construction control estimates
- Design/build vs. design/bid/build
Estimating resources and processes
- Estimating team - Quantity takeoff - Data resources
- Work breakdown structure - Bid factors
Estimating direct and indirect costs
- Labor and material - Equipment - Overhead
- Profit - Contingency
Example (using software)

Presented by Mike Keating, PE, MBA *Over 29 years’ experience in the construction industry, including estimator/cost engineer, project manager, construction manager, director of construction, and A/E construction*
21 USH2ECCB 6 3 WEBR TC

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

Can’t Attend? Order any of these Webinars as a Self-Study Package!
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3. Fruit Trees: Are They Right for Your Landscape Design?

Thursday, June 3, 2021 | 3:00 - 5:00 pm CDT **Tuition:** \$100
Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: 2.0 HSW PDHs Certified Arborists: ISA Pending Foresters: SAF Pending

- Agenda:**
Are they different from other trees?
Understanding them Caring for them Challenges of fruit trees
Why fruit trees? Nature loves fruit trees Knowing your client
- Presented by John Palmer**
Owner of PlanetCare Landscape and Aboricultural Services in Lakewood, OH
21 USH2FRTT 6 3 WEBR CP

4. How to Specify Concrete for Your Next Project

Friday, June 4, 2021 | 10:00 am - 12:10 pm CDT (incl. 10-min. break) **Tuition:** \$100
Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW International Code Council: .2 CEUs (Building)

- Agenda:**
Materials in concrete mixtures Proportioning concrete – whose job is it?
Selecting performance criteria Slabs and jointing
Concrete and sustainability
- Presented by Alan Sparkman, CAE, LEED AP, CCPF**
Executive Director Tennessee Concrete Association
21 USH2SCNP 6 4 WEBR LH

5. How to Design Aerobic Treatment Units for Onsite Wastewater Systems

Monday, June 7, 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 (Sitework)

- Agenda:**
What is aerobic treatment, and what are its benefits?
How aerobic treatment works
Regulation and permitting of aerobic treatment units
Sizing and designing an aerobic treatment unit
Inspecting and maintaining aerobic treatment units
- Presented by Robert Rubin** *A.R. Rubin and Associates in Pittsboro, North Carolina*
21 USH2DOWNW 6 7 WEBR BA

6. How to Classify Buildings under the International Building Code

Monday, June 14, 2021 | 10:00 am - 1:30 pm CDT (incl. 30-min. break) **Tuition:** \$150
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:**
International Building Code – general
Chapter 3 – Occupancy Classification and Use
Chapter 6 – Construction Types Chapter 5 – Building Height and Area
Chapter 10 – Means of Egress Five Types of walls
- Presented by Lawrence Lile** *Owner of Lile Engineering in Ashland, MO*
21 USH2CIBC 6 14 WEBR PC

7. How to Identify and Mitigate Moisture Intrusion in Structures: Case Studies

Thursday, June 17, 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: Pending (Building)

- Agenda:**
Why moisture occurs in structures
Case Study #1
- Design errors - Construction defects
- Deferred maintenance
Common locations where moisture intrusion occurs
Case Study #2
- Site preparation - Initial construction layout
- Common areas in the building envelope
Damages to structures
Case Study #3:
- Degradation of building materials - Mold/indoor air quality
Mitigation
Case Study #4
- Historic structures - Mitigation strategies
- Presented by Doug Parkhurst** *Senior Forensic Engineer – CAT Forensic Services LLC*
21 USH2IMIS 6 17 WEBR TB

8. How to Design for Noise Control in Buildings

Monday, June 21, 2021 | 9:00 - 11:00 am CDT **Tuition:** \$100
Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: Pending International Code Council: Pending (Building)

- Agenda:**
How noise associated with buildings is defined in terms of noise criteria and room criteria
Designing to mitigate speech interference in the acoustic environment
How sound pressure level (SPL) varies with distance and absorption
Basic principles underlying estimation and use of room constants
- Presented by J. Paul Guyer, P.E., RA** *Registered Mechanical Engineer, Civil Engineer, Fire Protection Engineer and Architect with 44 years experience*
21 USH2DNCB 6 21 WEBR BA

9. How to Use Firestop Submittals to Improve Life Safety on Multi-family and Commercial Building Projects

Wednesday, June 23, 2021 | 2:00 - 5:00 pm CDT **Tuition:** \$150
Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW International Code Council: .3 CEUs (Fire)

- Agenda:**
Fire rated design elements- how they are tested and what that means to your project (ASTM E119, ASTM E1966, ASTM E814)
Understanding and using UL nomenclature to improve life safety
Key things to do differently to reduce liability, improve life safety
Understanding the difference between a smoke barrier/fire barrier/smoke partition/ fire wall and why you need to pay attention to L ratings in your firestop submittal.
- Presented by Sharron Halpert** *Halpert Life Safety Consulting*
21 USH2UFSS 6 23 WEBR CP