

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 FL, NC, and NJ or land surveyor courses in FL, KS, NJ, TN and TX, 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 (APA)

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 Providers:

Association of State Floodplain Managers

American Planning Association/AICP

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)).

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.***

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: 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.

Deep Dive Webinar Series

Eight Live, Interactive Online Webinars

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Deep Dive Webinar Series

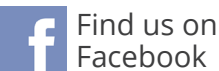
Eight short webinars that each take a look at a single subject in February 2021

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.



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HalfMoon Education Online Learning

Deep Dive Webinar Series

Eight short webinars that each take a look at a single subject in February 2021



1. Deep Dive into Construction Fraud Schemes
2. Deep Dive – Motor Circuits Like A Champ
3. Deep Dive into Geo-Structural Failures and Lessons Learned
4. The WELL Building Standard: A Deep Dive
5. An Introduction to Urban Water
6. Assessing and Using Micro-Climates in Landscape Design
7. Deep Dive into Vapor Pressure Diffusion
8. A Deep Dive into Pests and Diseases of Trees

*Each webinar earns continuing education credit.
Look inside for details and visit us online at
www.halfmoonseminars.org for more information.*



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1. Deep Dive into Construction Fraud Schemes

Wednesday, February 10, 2021 | 1:00 - 3:00 pm CST Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 CE Hours (non-HSW) AIA: 2.0 LU|Elective International Code Council: Pending (Administration)

Agenda: Fraud schemes common to the construction industry Which fraud schemes are used during different phases of construction Strategies to proactively mitigate risks during each phase of the project How fraudsters attempt to manipulate the bidding process to win work Real-world examples and case study

Presented by Melissa Goddard, CFE CCA CCP CRIS CICA PI Owner and Founder at FACT Financial Investigations, LLC

21 USDDICFS 2 10 WEBR WL

2. Deep Dive – Motor Circuits Like A Champ

Wednesday, February 17, 2021 | 10:00 am - 2:15 pm CST (incl. 15-min. break) Tuition: \$200

Credits: Professional Engineers: 4.0 PDHs

Agenda: Determine FLC of Motor • FLC vs FLA Determine conductor size Determine if voltage drop is an issue Determine raceway type and size Determine OCP • Three functions of OCPD • Category one: short circuit and ground fault protection • Category two: over load protection Determine overload value based on FLA Determine feeder size for multiple motors

Presented by Mark D. Cook Electrical Education Specialist, Faith Technologies

21 USDDMTRC 2 17 WEBR PC

3. Deep Dive into Geo-Structural Failures and Lessons Learned

Thursday, February 18, 2021 | 11:00 am - 1:00 pm CST 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: Learning from geo-structural failures • Introduction to geo-structural problems • Failure examples - Deformations of a reinforced earth wall - Failure of a pipe backfilled with CLSM - Soil effects in LNG tanks - Lateral movements of a retaining wall due to pile driving - Laboratory testing of an underground detention system • Summary and lessons learned

Presented by Antonios Vytiniotis, Ph.D., P.E. Managing Engineer in Exponent's Civil practice, a member of the Geo-Institute's Deep Foundation and Computation Geotechnics committees and a regional Director for the Society of Construction Law – North America

21 USDDGSFL 2 18 WEBR TB

4. The WELL Building Standard: A Deep Dive

Thursday, February 18, 2021 | 12:00 - 4:30 pm CST (incl. two 15-min. breaks) Tuition: \$200

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)

Agenda: WELL: How we got here • Introduce WELL v2's resources and tools • Learn the intent, medical and scientific impacts, and third-party verified solutions of the 10 WELL concepts • Explore the 10 concepts and select sample features • Discover the proven benefits of the WELL Building Standard • Questions and answers

Presented by Jennifer Berthelot-Jelovic President and CEO of A SustainAble Production (ASAP)

21 USDDIWBC 2 18 WEBR LH

5. An Introduction to Urban Water

Thursday, February 18, 2021 | 1:00 - 3:00 pm CST Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Geologists: 2.0 CE Hours (No preapprovals) Hydrologists: 2.0 CE Hours (no preapprovals) Architects: 2.0 CE Hours AIA: Pending

Agenda: Historic relationship of water and cities • Locations, flows, and impacts Understanding individual systems • Water • Sewage • Storms and floods • Waterways • Water-sensitive cities One water • Watershed to water tap • Coordinated management • Accessible water services for all • Equity

Presented by Paul W. Lander, PhD, MLarch, LEED A.P. Over 35 years of conservation experience, in land, energy, and water, including directing the City of Boulder's award-winning water conservation program for 16 years

21 USDDUH2O 2 18 WEBR TC

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.

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

6. Assessing and Using Micro-Climates in Landscape Design

Friday, February 19, 2021 | 3:00 - 4:30 pm CST Tuition: \$75

Credits: Professional Engineers: 1.5 PDHs Landscape Architects: 1.5 HSW CE Hours (excluding FL and NJ) NC Landscape Architects: 1.5 CE Hours (NCBOLA) LA CES: 1.5 HSW PDHs

Agenda: Site analysis and how micro-climates are created • Soil • Slope • Water How micro-climates affect design layout • Structural features • Natural features Plant talk • Hydrozoning • Indicator species • Native vs eco-typic

Presented by James Theiss TCLP, TCWSP, CA Over 20 years experience in the horticulture industry, with 15 years in Commercial and Residential Landscape Design and 6+ years as Director of Industry Education and Certifications for Texas Nursery & Landscape Association

21 USDDAUMC 2 19 WEBR BA

7. Deep Dive into Vapor Pressure Diffusion

Tuesday, February 23, 2021 | 11:00 am - 1:00 pm CST Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs

Agenda: Water vapor diffusion – what is it and why should we care Specific vs relative humidity ASHRAE's guidelines on temperature and humidity Psychrometrics – everything to know about air properties Real world examples typically blamed on HVAC systems Conclusions and recommendations

Presented by Scott M. Katzer, P.E., CFEI Division Manager / Senior Forensic Engineer with The Vertex Companies, Inc.

21 USDDIVPD 2 23 WEBR JB

8. A Deep Dive into Pests and Diseases of Trees

Wednesday, February 24, 2021 | 1:00 - 3:00 pm CST Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours (excluding FL and NJ) NC Landscape Architects: 2.0 CE Hours Society of American Foresters: 2.0 Cat. 1 Hours Certified Arborists: 2.0 CEUs – Certified Arborist, BCMA Science, Climber Specialist, Utility Specialist, Municipal Specialist, Aerial Lift

Agenda: Discussion of the most common fungi and insects affecting trees How is climate change affecting pests and diseases What is the impact of invasive species on pests and diseases Which trees have the least problems and which have the most Know which pest and diseases are normal and not a concern Learn where and how you plant your tree that matters

Presented by Faith Appelquist Owner of Tree Quality in St Paul, Minnesota

21 USDDPDTR 2 24 WEBR LH