

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 (No. J885)
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 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)).

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 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.

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.

August How-To Webinar Series

Ten live and interactive webinars
that each teach a new skill



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August How-To Webinar Series

1. How to Limit Exposure to Legionnaires' Disease Through Application Geothermal Heating and Cooling Techniques
2. How to Approach Stream Restoration Design
3. How to Design Stormwater Facilities for Function and Performance with Maintenance in Mind
4. How to Create Preliminary Cost Estimates for Roadway Improvements
5. How to Navigate Significant Changes to the 2020 National Electric Code
6. How We Got Here: Understanding the History of Building Codes
7. How to Design a Passive House - Introduction
8. How to Prepare and Prosecute U.S. Patent Applications
9. How to Perform Slope Stability Analysis
10. How to Select and Plant the Proper Tree from a Nursery: A Guide for Design Professionals



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HalfMoon Education Online Learning August How-To Webinar Series

Ten live and interactive webinars
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1. How to Limit Exposure to Legionnaires' Disease Through Application of Geothermal Heating and Cooling Techniques
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1. How to Limit Exposure to Legionnaires' Disease Through Application of Geothermal Heating and Cooling Techniques

Tuesday, August 4th, 2020, 11:00 am - 3:30 pm CDT (incl. 30-min. break)

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 Highlights:

Basics of commercial HVAC systems Cooling tower types and functions
Bacterial infections; different types, specifics of Legionella pneumophila
Growth of legionnaires' disease; prevalence of Legionella pneumophila
How geothermal exchange may be applied to reduce and eliminate the use of cooling towers.

Presented by

Kristy Egg, RN *Professional Teacher: Registered Nurse, Public Health and Epidemiology Professional*

Jay Egg *Founder and Consultant with Egg Geo LLC*

20 USH2LELD 8 4 WEBR JB

2. How to Approach Stream Restoration Design

Wednesday, August 5, 2020, 10:00 am - 12:00 pm CDT

Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: 2.0 HSW PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 LU|HSW

Agenda Highlights:

Understanding data needs Geomorphology basics
Hydrologic and hydraulic analysis Nature-based design techniques
Permitting approach Post-construction monitoring
Construction do's and don'ts

Presented by Mary Paist-Goldman *Principal and Owner of Rippled Waters Engineering, LLC*

20 USH2ASRD 8 5 WEBR LH

3. How to Design Stormwater Facilities for Function and Performance with Maintenance in Mind

Thursday, August 6, 2020, 9:00 - 11:00 am CDT

Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: 2.0 HSW PDHs Architects: 2.0 HSW CE Hours AIA: 2.0 LU|HSW

Agenda Highlights:

Space efficient subsurface storage for urban stormwater retrofits
The importance of pretreatment part 1:
Innovative mechanical treatment and screening
The importance of pretreatment part 2:
Innovative vegetated/biological treatment systems and permeable surfaces
Case studies

Presented by Robert J Woodman, PE, CPESC *Region Manager, Senior Stormwater Engineer, ACF*

20 USH2DSWF 8 6 WEBR LH

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.

4. How to Create Preliminary Cost Estimates for Roadway Improvements

Thursday, August 10, 2020, 1:30 - 3:30 pm CDT

Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Planners/APA: 2.0 CM Credits

Agenda Highlights:

Developing scope for potential roadway improvements
Estimating cost for drainage improvements
Calculating quantiles for excavation, embankment, road base and asphalt
Estimating quantities for barricades, signs, stormwater protection and other roadway elements
Approximating engineering costs and related inspection costs

Presented by George Lueck, P.E.

20 USH2CPCE 8 10 WEBR TC

5. How to Navigate Significant Changes to the 2020 National Electric Code

Tuesday, August 11, 2020, 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 (Electric)

Agenda Highlights:

New rules for GFCI protection Revised Article 310
314.16 Box fill 220.12 and load calculations
230.67 SPD for dwellings 210.52 islands and peninsulas

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

20 USH2NNEC 8 11 WEBR LH

6. How We Got Here:

Understanding the History of Building Codes

Wednesday, August 12, 2020, 11:00 am - 12:00 pm CDT

Tuition: \$50

Credits: Professional Engineers: 1.0 PDHs Architects: 1.0 HSW CE Hours AIA: Pending
International Code Council: Pending

Agenda Highlights:

Building codes of the late 19th and early 20th century
Building codes of the mid-20th century Modern building codes (post 2000)

Presented by Michael Fiebig, RA, AIA, NCARB, LEED GA, CFPS, CEP *Fiebig Architecture, PLLC*

20 USHWGHBC 8 12 WEBR LH

7. How to Design a Passive House - Introduction

Tuesday, August 18, 2020, 11:00 am - 1:00 pm CDT

Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours AIA: Pending
International Code Council: Pending

Agenda Highlights:

Passive House - origins, goals Energy, indoor air quality, thermal comfort
Energy calculations, design features The importance of floor planning
Passive House certification process Passive House assemblies
Mechanical systems – heating, cooling, ventilation, DHW
Single and multifamily case studies, with construction costs

Presented by Michael B. Duclos *Principal and Founder of THE DEAP Energy Group, LLC*

20 USH2DPHI 8 18 WEBR JB

8. How to Prepare and Prosecute U.S. Patent Applications

Tuesday, August 18, 2020, 11:00 am - 1:00 pm CDT

Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs

Agenda Highlights:

Patent law basics Types of patent applications
Sources of patent laws and regulations Patent eligible subject matter
Preparing a patent application Patent prosecution procedures
Duty of disclosure Case study

Presented by Jeff Streets *Streets LawFirm, P.C., Cypress, TX*

20 USH2PUSP 8 18 WEBR CP

9. How to Perform Slope Stability Analysis

Wednesday, August 19, 2020 11:00 am - 12:00 pm CDT

Tuition: \$50

Credits: Professional Engineers: 1.0 PDHs Landscape Architects: 1.0 HSW CE Hours
LA CES: 1.0 HSW PDHs Architects: 1.0 HSW CE Hours AIA: 1.0 LU|HSW

Agenda Highlights:

Slope stability concepts Key evaluations in different types of slopes
Methods of slope stability analysis

Presented by Dr. Antonios Vytiniotis *Managing Engineer, Exponent*

20 USH2PSSA 8 19 WEBR TB

10. How to Select and Plant the Proper Tree from a Nursery: A Guide for Design Professionals

Friday, August 21, 2020 11:00 am - 1:00 pm CDT

Tuition: \$100

Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: Pending Architects: 1.0 HSW CE Hours AIA: Pending
Certified Arborists/ISA: Pending Foresters/SAF: Pending

Agenda Highlights:

Assess the site conditions for planting How to select the right plant in the right place
How to assess plant health at the nursery Performing structural pruning at planting time
Prepare the planting area, plant properly, and water properly

Presented by Charles King Sadler *Founder and Owner at King Garden Inc.*

20 USH2SPPT 8 21 WEBR WL

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