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*.

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.

March How-To Webinar Series
Seven live and interactive short webinars
that each teach a new skill

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

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

March How-To Webinar Series

Seven 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

Have questions or wish to register by phone?
Give us a call at 715-835-5900 and press 1 for Customer Service.

Find us on Facebook

HalfMoon Education Online Learning

March
How-To Webinar Series

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

1. How to Build a Sustainable Future
2. How to Read a Geotechnical Report
3. Bioretention System Design
4. How to Successfully Design and Construct a Retaining Wall (and what happens if you get it wrong)
5. How to Secure a Patent
6. How to Protect Your Engineering Data: Cyber Security 101 for Engineers
7. How to Design Native Pollinator Habitats: Beauty and Benefits

AIA Continuing Education Provider

HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

ICC PREFERRED EDUCATION PROVIDER

1. How to Build a Sustainable Future

Thursday, March 11, 2021 | 11:00 am - 2:15 pm CST (incl. a 15-min. break) **Tuition**: $150

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW

Agenda:

The Past and the Present
- Introduction: the human evolutionary capacity to plan the future
- The scientific method to build the future: historical data, estimations, projections, and future design
- Brief history of the 20th Century: The Industrial Revolution, inequalities, wars, over- population, and the collapse of the natural world
- The science of climate change
- The planet in the times of the pandemic: economic inequalities, climate change, and COVID
- A brief history of sustainability

The Future
- Economic principles of sustainability
- The sustainable development goals
- The IPCC and science-based targets
- The future is happening:
  - Renewable energy
  - EVs and autonomous vehicles
  - Equity at last
  - Green buildings and green cities
  - Sustainable water and food systems
  - Climate policies and economic prosperity
- Conclusions: a sustainable future is not an option

Presented by
Dr. Jairo Garcia *Sustainable Cities & Climate Change Specialist, Co-Chair of the Climate Reality Project: Atlanta, GA, Chapter*

21 USH2BSTF 3 11 WEBR TC

2. How to Read a Geotechnical Report

Tuesday, March 16, 2021 | 11:00 am - 1:00 pm CDT **Tuition**: $100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW International Code Council: .20 CEUs (Sitework)

Agenda Highlights:

Subsurface Investigation
- Field investigation
- Laboratory testing program

Subsurface conditions
- Subsurface soil conditions
- Groundwater condition

Analysis and Recommendations
- Allowable bearing capacity – foundations and slab on grade
- Site preparation and fill placement
- Pavement
- Lateral Earth pressure
- Groundwater controls
- Site seismic classification
- Soil resistivity and corrosivity

Review of Geotechnical Reports

Presented by Joseph S. Cooke, P.E. *Geotechnical Engineer*

21 USH2RGEO 3 16 WEBR JB

3. Bioretention System Design

Friday, March 19, 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 Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs
Floodplain Managers: 2.0 ASFPM CECs

Agenda:

The importance of soils in the design of bioretention systems
The importance of understanding groundwater in the design of bioretention systems
What soil tests are required for the design of bioretention systems
Designing bioretention systems for various soil types and slope conditions
Designing for storms greater than the water quality event

Presented by Steven Trinkaus *Principal at Trinkaus Engineering, LLC, in Southbury, CT*

21 USH2BSYD 3 19 WEBR BA

4. How to Successfully Design and Construct a Retaining Wall (and what happens if you get it wrong)

Monday, March 22, 2021 | 11:00 am - 1:00 pm CDT **Tuition**: $100

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

Agenda:

How to prevent a potential problem or failure through site layout
How to prevent a potential problem or failure through proper design technique
Roles and responsibilities to ensure structure success
How to recognize a potential problem or failure in the field
Typical causes of problems or failures with geotechnical structures
Case studies/examples of failures and repairs

Presented by
Bill Simpson P.E. *Geotechnical Structure Design Specialist at Engineered Earth Solutions, LLC*

21 USH2DCRW 3 22 WEBR PC

5. How to Secure a Patent

Thursday, March 25, 2021 | 11:00 am - 1:00 pm CDT **Tuition**: $100

Credits: Professional Engineers: 2.0 PDHs

Agenda:

Requirements for patentability
Types of patent applications
The pros and cons of patent searches
The patent prosecution cycle
Preparing and filing a patent application
Prosecuting the patent application with the examiner
Appeals
Continuation, continuation-in-part, and divisional applications
Maintenance fees

Presented by Philip H. Burrus *The Burrus Intellectual Property Law Group, LLC*

21 USH2SPAT 3 25 WEBR TB

6. How to Protect Your Engineering Data: Cyber Security 101 for Engineers

Thursday, March 25, 2021 | 2:00 - 4:00 pm CDT **Tuition**: $100

Credits: Professional Engineers: 2.0 PDHs

Agenda:

Cyber security threats and business exposure to data breaches
Anatomy of a data breach or cyber attack and the spectrum of possible responses
Coverage that is available under cyber insurance policies
Examples of actual cyber events, with lessons learned from those events

Presented by Kevin Scott *Shareholder & Attorney at GreenbergTraurig (Chicago, IL)*

21 USH2PEGD 3 25 WEBR WL

7. How to Design Native Pollinator Habitats: Beauty and Benefits

Wednesday, March 31, 2021 | 10:00 - 12:00 pm CDT **Tuition**: $100

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: Pending Landscape Architects: 2.0 HSW CE Hours (Except FL, NJ, NC)
LA CES: 2.0 HSW PDHs

Agenda:

What are pollinators? Not just insects!
Pollinators and their plants – a brief overview of their coevolution
Why pollinators are important
Pollinator habitat – not just flowers
The monarch butterfly migration
Installing a pollinator habitat
Threats to pollinators
Common pollinators of the Midwest
Planning a pollinator habitat
Maintaining a pollinator habitat

Presented by
Carlyn S Rocazella *EnviroScience, Inc., Northeast Headquarters, Stow, Ohio*
Michael A. Liptak, Ph.D. *EnviroScience, Inc., Northeast Headquarters, Stow, Ohio*

21 USH2DNPH 3 31 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.

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