

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 NJ or land surveyor courses in NJ or DE, unless expressly stated.

HalfMoon Education Certifying Entities

American Institute of Architects Continuing Education System (No. J885)

International Code Council (No. 1232)

Landscape Architecture 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 these events, 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: 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.

October Short Webinar Catalog 2022

Eight Live, Interactive Online Webinars

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October Short Webinar Catalog 2022

Eight short webinars that each take a look at a single subject in October.

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 \$400 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **OCTSHORT2022** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



HalfMoon Education Live Webinars

October Short Webinar Catalog 2022

Eight webinars that each take a look at a single subject



1. How to Keep Good Records for Engineers and Land Surveyors (and Why it Matters)
2. Heritage Trees: Identifying and Protecting
3. Deep Dive into Wetland Creation
4. How to Read a Geotechnical Report
5. Roadmap to Ethical Issues in Construction: A Primer for Design Professionals
6. Focus on Rechargeable Batteries
7. Mixed-Use Buildings: More than Just Mixed Occupancies
8. Deep Dive into Variable Air Volume (VAV) Systems

To register, visit us online at
www.halfmoonseminars.org

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



1. How to Keep Good Records for Engineers and Land Surveyors (and Why it Matters)

Thursday, October 6, 2022 | 11:00 am - 2:20 pm CDT (incl. two 10-min. breaks) **Tuition:** \$159

Credits: Professional Engineers: 3.0 PDHs Practicing Institute of Engineering: 3.0 PDHs
Land Surveyors: 3.0 PDHs (in most states, not accredited in DE, NJ, or MO)

Agenda:

Creating certainty and reducing conflict with contracts and agreements
Record keeping as evidence of contractual compliance
How legal principles can guide our business practices
The importance of communicating with clients
Tools to help collect fees

Presented by Wendy Lathrop, PLS, CFM, CFS *President and Owner of Cadastral Consulting, LLC*
22 USH2RCRD 10 6 WEBR LH

2. Heritage Trees: Identifying and Protecting

Friday, October 7, 2022 | 9:00 am - 12:15 pm CDT (incl. a 15-min. break) **Tuition:** \$159

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
Arborists (ISA): 3.0 ISA CEUs Foresters (SAF): 3.0 Cat 1 CFE Credits
Certified Planners: CM|3

Agenda:

Defining heritage trees
Heritage tree characteristics:
• Species • Size
• Age • Historic significance
• Aesthetic components • Location
• Ecological significance

Identifying heritage trees
Principles and regulations for protection of heritage trees
Starting a heritage tree program
Making heritage tree designations
Taking protective action

Presented by Marty Shaw RCA BCMA

Author of The Professional Amenity Plant Appraisal Handbook

22 USDDHTRE 10 7 WEBR SC

3. Deep Dive into Wetland Creation

Friday, October 7, 2022 | 2:00 - 4:00 pm CDT **Tuition:** \$109

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 Certified Planners: CM|2

Agenda:

What makes a wetland?
• Wetland soil and plants • Underlying hydrology
Can you create a wetland?
• What are the characteristics of the existing site?
• What characteristics of a wetland can you create?
• What wetland functions can you expect?
• Managing expectations, meeting challenges
• Managing created wetlands

Rehabilitating degraded wetlands

Presented by Dr. Michael Liptak *Senior ecologist at EnviroScience, Inc*

22 USDDWTLC 10 7 WEBR TB

4. How to Read a Geotechnical Report

Tuesday, October 18, 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 (Sitework)

Agenda:

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 Daniel Messmer P.E. D. GE

Project Manager with The Gateway Engineers, Inc., in Pittsburgh

22 USH2RGEO 10 14 WEBR WL

5. Roadmap to Ethical Issues in Construction:

A Primer for Design Professionals

Tuesday, October 18, 2022 | 12:00 - 2:00 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 (Administration)

Agenda:

Overview and introduction to design professional's ethics
Legal and ethical issues in construction practice and disputes
Group scenarios with real implications
Ethical dimension of the design professional's practice—does it matter?
Adopting practices which minimize ethics issues
Avoiding ethical issues during the bidding process
Your duties to your employer, the project owner, and other project participants
The ethics of safety: fulfilling duties to employees and the public

Presented by Wojciech "Voytek" Jackowski

Principal, Commercial Litigation Practice Group Chair, Offit Kurman P.A.

22 USRETHIC 10 18 WEBR LF

Can't Attend? Order any of these Webinars as a Self-Study Package!

Recordings of these webinars are available for purchase. See course listing 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.

Learn More and Register:

www.halfmoonseminars.org

Customer Service (715) 835-5900 Ext. 1

or scan here



6. Focus on Rechargeable Batteries

Friday, October 21, 2022 | 2:00 - 4:00 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 (Electrical)

Agenda:

Understand what a battery is, how batteries work and a short history of batteries
Learn common battery terms describing storage capacity, interconnection options, charge and discharge rates
Review the varying characteristics of batteries with 3 different major chemistries: lead-acid, nickel and lithium
Examine the pros and cons of different battery types
Become aware of higher risks with some batteries, like overheating and fire risk
Learn how longer battery life can be achieved by better design and management of charging and discharging
Understand where in National Electrical Code 2017 to find requirements for batteries, related components and packaged systems
Become familiar with NEC-required labels and disconnects
Learn to recognize the different ways energy storage systems can be designed and setup

Presented by John F. Robbins CEM/CSDP *Energy Consultant in Morning View, KY*

22 USFORBAT 10 21 WEBR CP

7. Mixed-Use Buildings:

More than Just Mixed Occupancies

Tuesday, October 25, 2022 | 2:00 - 5:00 pm CDT

Tuition: \$159

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

Agenda:

Introduction (course scope, cited codes, invitation to dialogue)
Definitions (IBC, IMC, IZC and IPC) What an inspector needs to know (Chapter 5)
Zoning (IZC) Mixing uses versus mixing occupancies (IBC Chapter 5)
Mixing construction types: Can you do that? (Chapter 4 and 5)
Special mixes (Chapter 4, 5, 11, Appendix C)
Don't the uses have to be separated? (Chapter 7)
Imagine that! (Chapter 7) Get a little closer, don't be shy (Chapter 9, IFC Chapter 5)
• Chapter 10 loads and egress requirements
• IFC Chapter 9 • IBC Chapter 12 • IFC Chapter 62

IBC Chapter 11 and Chapter 29

Something old, something renewed (IEBC Chapter 3, 8, 10, and 13)

ISPSC Chapter 6

IPC Chapter 11

IMC Chapter 5 and 11

IECC Chapter 4, Standards and Appendices

IgCC Chapter 1, 3, 7 and Appendices

Quick flyover review and questions

Presented by Christopher McWhite *Municipal Code Consulting, LLC*

22 USMXUBLD 10 25 WEBR AM

8. Deep Dive into Variable Air Volume (VAV) Systems

Friday, October 28, 2022 | 2:00 - 4:00 pm CDT

Tuition: \$109

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

Agenda:

Conventional HVAC systems
Principles of the variable air volume (VAV) system
Benefits and drawbacks of VAV systems Technology of VAV systems
Components, sizing and installation Performance monitoring
Maintenance Case studies

Presented by Blair Richardson, PE, CEM, CGD, CLEP, LEED

22 USDDVAVS 10 28 WEBR PC