

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 Architect 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 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 Tuesday, July 19, 2022 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.

September Short Webinar Catalog 2022

Nine Live, Interactive Online Webinars

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Altoona, WI 54720-0278



September Short Webinar Catalog

Nine short webinars that each take a look at a single subject in September.

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 **SEPTSHORT2022** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



HalfMoon Education Live Webinars

September Short Webinar Catalog 2022

Nine webinars that each take a look at a single subject



1. Hot-Mix Asphalt Pavement Design, Maintenance and Rehabilitation
2. How to Identify Soil Types
3. National Electrical Code Requirements for Pools, Spas and Hot Tubs
4. Deep Dive into Means of Egress Requirements Under the 2021 IBC
5. Detention Basins and Ponds
6. A Deep Dive into Water Efficiency: Developing Water Conservation Strategies for All Types of Buildings
7. Deep Dive into Exterior Claddings
8. Maximizing Compliance with Rules of Professional Conduct for Engineers
9. Deep Dive into Drainage Rights

To register, visit us online at

www.halfmoonseminars.org

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



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HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

1. Hot-Mix Asphalt Pavement Design, Maintenance and Rehabilitation

Thursday, September 1, 2022 | 9:00 am - 1:15 pm CDT (incl. a 15-min. break) **Tuition:** \$209

Credits: Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours
AIA: 4.0 LU|HSW Landscape Architects: 4.0 HSW CE Hours LA CES: 4.0 HSW PDHs
International Code Council: *Pending*

Agenda Highlights:
Asphalt mix design considerations

- Aggregates
- Recycled materials
- Design methods
- Asphalt binders

Principles of pavement design

- Applications for hot-mix asphalt pavements
- Goals and considerations
- Characteristics: smooth, dense, uniform surface
- Terminology and technology
- Codes and standards

Maintenance and rehabilitation

- Establishing a maintenance program
- Causes of distress and damage
- Types of distress and damage
- Repair and rehabilitation techniques

Presented by
Sharareh Shirzad *Assistant Professor at Appalachian State University*
Tyler Dawson, Ph.D., P.E. *Project Engineer with NTH Consultants, Ltd. in Lansing, Michigan*

22 USHMAPDM 9 1 WEBR PC

2. How to Identify Soil Types

Thursday, September 8, 2022 | 9:00 - 11:00 am 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
International Code Council: .2 CEUs (Sitework)

Agenda Highlights:
Properties of soil Types of soil In-situ soil testing
Laboratory soil testing Preparing/reading soil test data
Importance of proper test selection

Presented by Bill Simpson, PE *Geotechnical Structure Design Specialist at Gradelta Engineering*

22 USH2ISLT 9 8 WEBR WL

3. National Electrical Code Requirements for Pools, Spas and Hot Tubs

Monday, September 12, 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 Highlights:
Article 680 - National Electrical Code requirements for:
swimming pools, fountains, hot tubs, spas, hydromassage bathtubs
Bonding and grounding Permitted wiring methods
Clearances for overhead and underground wiring
Rules for equipment disconnects and motors
Distances for receptacles, luminaires, ceiling fans, and switches
Rules for underwater lighting The equipotential bonding grid
Specialized pool equipment.

Presented by Rick Chambers *Chambers Electric, Inc. Iowa City, IA*

22 USNECRPS 9 12 WEBR CP

To register and to see other learning opportunities, please visit:
www.halfmoonseminars.org
or call our Customer Service Department at (715) 825-5900

4. Deep Dive into Means of Egress Requirements Under the 2021 IBC

Wednesday, September 14, 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 Highlights:
Exit access, discharge, and other components

- Impediments to egress

Calculating and determining occupant loads

- Gross vs net

Arrangement of exits
Equivalency discussion

Presented by Samir Mokashi *Principal/Owner at Code Unlimited*

22 USDDEGRS 9 14 WEBR TB

5. Detention Basins and Ponds

Thursday, September 15, 2022 | 9:00 - 11:00 am 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

Agenda Highlights:
Purpose of detention/retention ponds
Choosing basin types: detention, retention, infiltration
Sizing and design Small vs large detention area
Choosing native vegetation Maintenance considerations
Detention basin case studies

Presented by Brad Flack, CPESC, CESSWI, QSM, QCIS, QPSWPPP
President & CEO of Integrity Stormwater

22 USDTBSNP 9 15 WEBR SC

6. A Deep Dive into Water Efficiency: Developing Water Conservation Strategies for All Types of Buildings

Wednesday, September 21, 2022 | 1:00 - 3:00 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* Certified Planners: CM|2

Agenda Highlights:
Taking a holistic approach to water conservation
Perform a water audit
Choosing water-conserving faucets, toilets and urinals
Implement a maintenance program
Limiting use of potable water for non-potable use
Conserving water in mechanical systems
Implementing water monitoring at the system level
Modifying behavior to conserve water
The unseen issues of water conservation
Implementing water-conserving irrigation and stormwater strategies
Using native and drought-tolerant plants

Presented by Steve Williams
Chair of the Ocmulgee Basin Advisory Committee of the Metro North Georgia Water Planning District

22 USDDI2WE 9 21 WEBR PC

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.

7. Deep Dive into Exterior Claddings

Thursday, September 22, 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 Highlights:
Various types of cladding and their associated problems
How to identify inadequate installation details and the subsequent failure of the building envelope
Application details that meet requirements of manufacturers and building codes
The many warning signs that communicate that a home or building is sick
Identifying incorrect and missed application details that can/will lead to moisture intrusion and degradation of the structure
Understanding of building code requirements and manufacturers' requirements for exterior cladding
Discuss the exterior envelope
Real world failures in the building envelope

Presented by Mark Parlee *Building Consultant*

22 USDDEXTC 9 22 WEBR LH

8. Maximizing Compliance with Rules of Professional Conduct for Engineers

Friday, September 23, 2022 | 12:00 - 1:00 pm CDT **Tuition:** \$79

Credits: Professional Engineers: 1.0 PDHs (does not qualify for NY credit)
Architects: 1.0 non-HSW CE Hours (does not qualify for NY credit) AIA: 1.0 LU|Elective

Agenda Highlights:
Complying with rules of professional conduct
Preventing conflicts of interest
Promoting health and welfare vs. managing risk: complementary or conflicting duties?
Protecting the environment: meeting or exceeding legal requirements
Watching the bottom line: identifying and balancing economic pressures in design and construction
Integrating new technologies: identifying and balancing the benefits and risks
Reviewing ethics case studies and hypotheticals

Presented by Eric O. Pempus, FAIA, Esq., NCARB *Risk manager at DesignPro Insurance Group*

22 USPCNDCT 9 23 WEBR LF

9. Deep Dive into Drainage Rights

Wednesday, September 28, 2022 | 1:00 - 3:00 pm CDT **Tuition:** \$109

Credits: Professional Engineers: 2.0 PDHs
Land Surveyors: 2.0 CE Hours (in Most States) Certified Planners: CM|2
(No credit for NY engineers or surveyors)

Agenda Highlights:
Drainage rights – common approaches
(civil law rule, common enemy rule, reasonable use rule)
Formalizing drainage rights: easements

- Rights and obligations of dominant and servient estates
- Examples of different kinds of drainage easements

Private drainage easements: rights and responsibilities
Public drainage easements: rights and responsibilities
Exercising drainage rights and resolving disputes

Presented by Wendy Lathrop, PLS, CFM, *President and Owner of Cadastral Consulting, LLC*

22 USDDDRNG 9 28 WEBR AM