

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, 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.***

Can't Attend? Order Most of These Webinars as Self-Study Packages!

Recordings of mosts 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.

October Short Webinar Catalog

Nine Live, Interactive Online Webinars

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October Short Webinar Catalog

Nine Live, Interactive Online Webinars

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Have questions or wish to register by phone?

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Special Offer: Use Coupon Code **OCTSHORT23** at checkout online to receive **25% off** tuition when you spend \$400 or more on the programs listed in this brochure.



HalfMoon Education Live Webinars

October Short Webinar Catalog

Nine webinars that each take a look at a single subject



1. Designing High Performing Traffic Bearing Surfaces
2. Proctor Compaction Tests in Construction
3. Airflow in Forced Air Systems
4. Multi-Family Residential Key Accessibility Components: Fair Housing and IBC/ICC A117.1 2009
5. How to Design and Construct a Diaphragm Wall
6. Sustainable Asphalt Pavement
7. Residential Wall Bracing
8. How to Design and Construct a Cantilever Retaining Wall
9. Understanding NSPE Engineering Code of Ethics

To register, visit us online at
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or call our Customer Service Department at (715) 835-5900



1. Designing High Performing Traffic Bearing Surfaces

Wednesday, October 4, 2023 | 9:00 am - 12:15 pm CDT

Credits: Professional Engineers: 3.0 PDHs Landscape Architects: 3.0 HSW CE Hours
LA CES: 3.0 HSW PDHs*

Agenda Highlights:
Geosynthetics and Roadway Applications
The Products and How They Perform
Testing and Performance Data
Drainage and Traffic Bearing Surface Performance
Roadways and Drainage Channels
Roadways and Slope Protection
Case Studies

Presented by Peter M. Hanrahan, CPESC
Certified Professional in Erosion and Sediment Control at Hanrahan Environmental, LLC

23 USDHPTBS 10 4 WEBR LH

Tuition: \$159

2. Proctor Compaction Tests in Construction

Wednesday, October 4, 2023 | 10:00 am - 12:00 pm CDT

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:
Purposes and benefits of soil compaction in construction
What a Proctor compaction test is and when it is used
The standard Proctor and the modified Proctor
Proctor compaction test procedure
Understanding compaction results
Reading compaction curves
Tips and troubleshooting

Presented by David Harmanos *Engineer at Hillis-Carnes Engineering Associates, Inc.*

23 USPTCON 10 4 WEBR WL

Tuition: \$109

3. Airflow in Forced Air Systems

Thursday, October 5, 2023 | 10:00 am - 12:15 pm CDT

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW* International Code Council: .2 CEUs (Building)**

Agenda Highlights:
Why is airflow important?
Airflow terms and principles

- Velocity, volume, and mass flow
- Sensible and latent heat transfer
- Static pressure

• Thermal comfort
Duct system components

- Fans and air handlers
- Filters

• Ductwork
• Grilles, registers, diffusers
Measuring and adjusting airflow
Static pressure budgets
Troubleshooting airflow problems

Presented by Jon Harrod, Ph.D.
Contractor, Author, Electrification Advocate, and Founder of Snug Planet

23 USAFAIRS 10 5 WEBR LH

Tuition: \$109

4. Multi-Family Residential Key Accessibility Components: Fair Housing and IBC/ICC A117.1 2009

Wednesday, October 11, 2023 | 9:00 - 11:00 am CDT

Credits: Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours
AIA: 2.0 LU|HSW* International Code Council: .2 CEUs (Accessibility)**

Agenda Highlights:
Explore and understand applicable building code requirements for multi-family residential new construction projects including applicable referenced standards
Obtain insight on differences if a project is government and/or privately funded
Identify accessible route and common area basics from site to entrance, parking, amenity for residents, and the leased areas such as retail, offices, and other facilities
Gain awareness of the variations between Type A and Type B Dwelling Units including critical requirements for bathrooms and kitchens
Recall best practices to follow during construction to avoid issues during final walk through

Presented by Leah Riley *Managing Senior Code Consultant, Burnham Nationwide, Chicago*

23 USMFRKAC 10 11 WEBR LH

Tuition: \$109

5. How to Design and Construct a Diaphragm Wall

Friday, October 13, 2023 | 9:00 am - 12:00 pm CDT

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW* International Code Council: .3 CEUs (Building)**

Agenda Highlights:
Functions of diaphragm walls Applications for diaphragm walls
Benefits and drawbacks Diaphragm wall design
Construction of guide wall Excavation
Connections Concreting
Case studies

Presented by Gail Lollis, P.E. *Project Engineer at Geocomp, Inc. in Acton, MA*

23 USH2DCDW 10 13 WEBR CP

Tuition: \$159

6. Sustainable Asphalt Pavement

Tuesday, October 17, 2023 | 1:00 - 3:00 pm CDT

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 (Sustainability)**

Agenda Highlights:
Life-cycle cost analysis (LCCA) Carbon Footprint
Energy consumption
Sustainable materials

- Recycled asphalt (RAP and RAS)
- Rubber asphalt
- Warm-mix asphalt
- Alternative binders

Local environment preservation enhancement

Presented by Sharareh Shirzad, Ph.D. *Assistant Professor at Appalachian State University*

23 USSASPHP 10 17 WEBR NP

Tuition: \$109

Learn More and Register:

www.halfmoonseminars.org

Customer Service (715) 835-5900 Ext. 1

or scan here



7. Residential Wall Bracing

Thursday, October 19, 2023 | 2:00 - 5:15 pm CDT

Credits: Professional Engineers: 3.0 PDHs Architects: 3.0 HSW CE Hours
AIA: 3.0 LU|HSW* International Code Council: .3 CEUs (Building)**

Agenda Highlights:
What is wall bracing?
Purpose of wall bracing
Complying with residential building codes and standards

- IRC
- APA wall bracing methods

Lateral forces and load paths
Wind and seismic bracing requirements
Wall bracing case studies and workshop

Presented by Marcus E. Woods *Woods Residential Engineering & Inspection*

23 USRWALLB 10 19 WEBR SC

Tuition: \$159

8. How to Design and Construct a Cantilever Retaining Wall

Monday, January 29, 2024 | 1:00 - 3:00 pm CDT

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)** Floodplain Managers: 2.0 ASFPM CECs

Agenda Highlights:
Cantilever walls, their applications and components
Design processes of a cantilever retaining system
Cast in place VS precast cantilever retaining walls
Hydraulic pressure, effects on wall behavior and pressure relief systems
External and internal stability of a cantilever system
Field applications and examples
Case studies

Presented by Rajendra Meruva P.E. *Delek Logistics*

24 USH2DCRW 1 29 WEBR PW

Tuition: \$109

9. Understanding NSPE Engineering Code of Ethics

Friday, October 27, 2023 | 11:00 am - 12:00 pm CDT

Credits: Professional Engineers: 1.0 PDH (Ethics) (does not qualify in NY)

Agenda Highlights:
Introduction

- Ethics
- NSPE resources

• Engineer's Creed
• Other resources
Overview of the Code

- Fundamental canons
- Professional obligations

• Rules of practice
Selected Specific Issues

- Contingent fees
- Political contributions and other political activity
- Recruiting engineer from another employer
- Professional reports, statements and testimony
- Indemnification clauses

• Influence of vendors

Presented by Rebecca A. Bowman *Attorney, Law Office of Rebecca A. Bowman*

23 USNSPETH 10 27 WEBR AM

Tuition: \$75

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