

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).

On-Demand Credits: Credit information applies only to the live presentation.

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 On-Demand Packages!

Recordings of most 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.

April Short Webinar Catalog

11 Live, Interactive Online Webinars

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April Short Webinar Catalog

11 Live, Interactive Online Webinars

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HalfMoon Education Live Webinars

April Short Webinar Catalog

11 webinars that each take a look at a single subject



1. FAA P107 Drone License Exam Preparation
2. Basics of Reinforced Concrete
3. Walls, Water, and What To Do When They Interact
4. Electrifying Existing Homes: Installation, Commissioning, and Customer Education
5. How to Identify Soil Types
6. Focus on Sustainable Lumber
7. Lateral Earth Pressure for Seismic Design
8. Deep Dive into Construction Change Orders
9. High-Performance, All-Electric HVAC: Air-to-Air and Air-to-Water Heat Pumps
10. Handling Ethical Issues in Professional Engineering Practice
11. Deep Dive into Water Quality Tests

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



1. FAA P107 Drone License Exam Preparation

Tuesday, April 2, 2024 | 12:00 - 4:20 pm CDT

Tuition: \$209

Credits: Professional Engineers & Land Surveyors: 4.0 PDHs
Practicing Institute of Engineering (PIE): 4.0 PDHs

Agenda Highlights:

FAA Pilot License Registration FAA Commercial UAS Regulations
Practice Exam Questions FAA Airspace and Charts
Practice Airspace and Charts Study Advice, Additional Resources

Presented by Jeffrey Miller *Aerial Education*

24 SWFAA107 4 2 WEBR LH

2. Basics of Reinforced Concrete

Wednesday, April 3, 2024 | 1:30 - 4:45 pm CDT

Tuition: \$159

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:

Introduction to Reinforcing Ensuring Success
The Ultimate Composite Material Common Applications

Presented by Gregory E. Halsted, P.E.

Senior Director, Local Paving for the National Ready Mixed Concrete Association (NRMCA)

24 SWBRCCRT 4 3 WEBR PW

3. Walls, Water, and What To Do

When They Interact

Wednesday, April 3, 2024 | 10:00 am - 2:30 pm CDT

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: .4 CEUs (Building)**

Agenda Highlights:

Roles and Responsibilities of Site Designer vs Wall Designer
Cast-in-Place Concrete Walls Modular Block (MSE) Retaining Walls

Presented by Bill Simpson, P.E. *Geotechnical Structure Design Specialist at Gradelta Engineering*

24 SWRTWH2O 4 3 WEBR LH

4. Electrifying Existing Homes: Installation,

Commissioning, and Customer Education

Thursday, April 4, 2024 | 10:00 am - 12:00 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 Highlights:

Review of Heat Pump Design Process
Installing Ducted and Ductless Indoor Units
Locating and Mounting Outdoor Units: Avoiding Common Mistakes
Refrigerant Piping: Making Leak-Free Connections
Electrical Wiring: Line Voltage and Communication Wires
Testing Refrigerant and Condensate Systems
Measuring Airflow, Heat Output, and Power Consumption
Setting Up Controls for Comfort and Efficiency
Customer Education: Key Take-Homes

Presented by Jon Harrod, Ph.D. *Founder of Snug Planet*

24 SWELEXHI 4 4 WEBR LH

*Live course approval. Pre-approval for on-demand format may be available upon request.

**Live course approval. Not approved for on-demand format.

***This course does not qualify for New York credit)

5. How to Identify Soil Types

Wednesday, April 10, 2024 | 10:00 am - 12:00 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*
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*

24 SWH2ISLT 4 10 WEBR WL

6. Focus on Sustainable Lumber

Monday, April 15, 2024 | 10:00 am - 12:15 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 (Building)**

Agenda Highlights:

Defining Unsustainable Lumber
Types of Wood Products That are Inherently More Sustainable
Sustainable Forest Certifications Sustainability of Local Lumber
Sustainability of Reused Lumber Sustainability of Other Building Materials
Building Sustainably

Presented by Patricia Layton

Director of Clemson's Wood Utilization + Design Institute and a retired professor of forestry

24 SWFOSLMB 4 15 WEBR LL

7. Lateral Earth Pressure for Seismic Design

Tuesday, April 16, 2024 | 11:00 am - 1:10 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 Highlights:

General Retaining Walls and Static Lateral Pressures

- Wall Types
- Basic Soil Properties for Earth Pressure Computations
- Active, At-Rest, and Passive States
- Earth Pressure Static Approaches

Seismic Earth Pressures and Displacements

- Horizontal Seismic Accelerations
- Earth Pressure Seismic Approaches
- Distribution of Seismic Earth Pressure
- Seismic Displacements
- Additional Considerations

Presented by Steven Halcomb, P.E., G.E. *CRW Engineering Group, Anchorage, Alaska*

24 SWLEP4SD 4 16 WEBR LH

8. Deep Dive into Construction Change Orders

Thursday, April 18, 2024 | 1:00 - 3:00 pm CDT

Tuition: \$109

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

Agenda Highlights:

What Is a Change Order?
Reviewing Your Contract and Understanding the Changes Clause
Who Initiates the Change Order Process?
Typical Changes that Result in Change Orders
Necessity for All Parties to Agree Getting It in Writing
When the Parties Can't Agree Construction Change Directives
Resolving Disputes Arising from Changes

Presented by Lance Luke, CCC, CCI, CCPM, CSI

National Building Expert, Principal Engineer of Construction Management Inspection LLC

24 SWDDCCOR 4 18 WEBR SC

9. High-Performance, All-Electric HVAC:

Air-to-Air and Air-to-Water Heat Pumps

Thursday, April 18, 2024 | 1:00 - 4:00 pm CDT

Tuition: \$159

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

Agenda Highlights:

Overview of Systems to be Covered Heat Pumps Overview
Air-Source Heat Pumps for Space Heating Round-Up and Review

Presented by Bart Bales, PE, MSME *Principal of Bales Energy Associates*

24 SWELHVAC 4 18 WEBR CP

10. Handling Ethical Issues

in Professional Engineering Practice

Friday, April 19, 2024 | 1:00 - 2:00 pm CDT

Tuition: \$75

Credits: Professional Engineers: 1.0 PDH (Ethics)
Practicing Institute of Engineering: 1.0 PDH

Agenda Highlights:

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

Presented by Olaide A. Banks *Principal Attorney at Banks & Associates, PLLC*

24 SWHEIPEP 4 19 WEBR AM

11. Deep Dive into Water Quality Tests

Monday, April 22, 2024 | 8:30 - 10:30 am CDT

Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs Landscape Architects: 2.0 HSW CE Hours
LA CES: 2.0 HSW PDHs*

Agenda Highlights:

Defining Water Quality
Federal, State and Local Regulation of Water Quality
Common Water Quality Problems and Their Sources
Water Testing for Public Water Supplies
Water Testing for Private Water Supplies
Types of Water Quality Tests

Presented by Brian F. Oram

Professional Geologist, Soil Scientist, and Owner, BF Environmental Consultants, Inc.

24 SWDDWTQT 4 22 WEBR TD

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