

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 FL, NC, and NJ or land surveyor courses in NJ or TN, 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)).

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). Only AIA HSW-approved courses qualify for New York engineering credit.

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: 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.

October Short Webinar Catalog

11 Live, Interactive Online Webinars

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October Short Webinar Catalog

11 short webinars that each take a look at a single subject in October 2021

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 \$300 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **OCTSHORT2021** 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

11 webinars that each take a look at a single subject



1. How to Design Building Utility Systems to Resist Flood Damage
2. Deep Dive into Means of Egress Requirements
3. How to Handle Claim Issues and Dispute Resolution for Public and Private Construction Projects
4. Focus on Drones: UAS Spotlight for Utilities
5. Focus on Moisture Control in Buildings
6. Focus on Passive House and Reducing Carbon Footprint
7. How to Use Less Toxic Insect Control in Interior Spaces
8. How to Analyze Common Construction Defects and Failures
9. Focus on Volatile Organic Compounds (VOCs)
10. Focus on Natural Restoration
11. How to Irrigate Sustainably



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HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG

1. How to Design Building Utility Systems to Resist Flood Damage

Monday, October 4, 2021 | 11:30 am - 4:00 pm CDT (incl. two 15-min. breaks) **Tuition:** \$200

Credits:

Professional Engineers: 4.0 PDHs Architects: 4.0 HSW CE Hours

AIA: 4.0 LU|HSW International Code Council: .4 CEUs (Building)

Floodplain Managers: 4.0 ASFPM CECs

Agenda Highlights:

Unit 1: Introduction – building utility systems and flood hazards

Unit 2: Regulatory framework Unit 3: Compliance and mitigation measures

Unit 4: Building mitigation measures for residential buildings

Unit 5: Building mitigation measures for non-residential buildings

Unit 6: Webinar wrap-up

Presented by

John Squerciati, PE, CFM *Senior Associate at Dewberry Engineers, Inc. in Fairfax, Virginia*

21 USH2DBUS 10 4 WEBR FC

2. Deep Dive into Means of Egress Requirements

Tuesday, October 12, 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 International Code Council: .2 CEUs (Fire)

Agenda:

Exit access, discharge and other components

- Impediments to egress

Calculating and determining occupant loads

- Gross vs net

Arrangement of exits Equivalency discussion

Presented by Bryan Hoskins, Ph.D., P.E.

Assistant Professor of Fire Protection & Safety at Oklahoma State Universit

21 USDDEGRS 10 12 WEBR TB

3. How to Handle Claim Issues and Dispute Resolution for Public and Private Construction Projects

Tuesday, October 12, 2021 | 10:00 am - 1:15 pm CDT (incl. a 15-min break) **Tuition:** \$100

Credits:

Professional Engineers: 3.0 PDHs Architects: 3.0 CE Hours (non-HSW)

AIA: 3.0 LU|Elective

Agenda:

Statutory and contractual claim notices and limitations

Exculpatory contract provisions to preclude/limit claims

Dispute resolution – administrative and legal procedures

CPM scheduling and concurrent delay claims

Subcontractor/subconsultant claim relationships

Claim presentation techniques Coronavirus considerations

Presented by Kenneth A. Sherman

Counsel, Robinson & Cole, LLP

21 USH2HCID 10 12 WEBR TB

4. Focus on Drones: UAS Spotlight for Utilities

Wednesday, October 13, 2021 | 1:00 - 3:00 pm CDT **Tuition:** \$100

Credits:

Professional Engineers: 2.0 PDHs Architects: 2.0 CE Hours (non-HSW)

AIA: 2.0 LU|Elective

Agenda:

Specific types of UAS/sensors /software and applications that benefit utilities

Analyzing return on investment for UAS vs. manned aircraft

UAS for survey-grade mapping, 3D modeling, digital twin, building information modeling, virtual design and construction, as-built, point clouds, digital elevation modeling, digital terrain modeling

UAS for recon: using UAS to document existing site conditions and to monitor progress

UAS for compliance: improve safety with UAS as part of robust safety programs

Presented by Michael Raymond

V.P. of Customer Success, Skycam

21 USFODRON 10 13 WEBR LH

5. Focus on Moisture Control in Buildings

Thursday October 14, 2021 | 8:30 - 11:00 am CDT **Tuition:** \$125

Credits:

Professional Engineers: 2.5 PDHs Architects: 2.5 HSW CE Hours

AIA: 2.5 LU|HSW International Code Council: .25 CEUs (Building)

Agenda Highlights:

Moisture in (and around) buildings

- Sources of interior moisture
- Moisture sources and movement within buildings
- Effects of air and moisture movement in buildings

Guidance from codes, standards and environmental protection agency (epa)

- International Building Code (IBC)
- International Residential Code (IRC)
- US EPA Moisture Control Guidance

Air sources and movement within buildings

Presented by

Kristen Navaid, R.A. *Restoration Consultant at Walker Consultants – Chicago Office*

Sonia Surlej, R.A., NCARB *Building Envelope Consultant at Walker Consultants – Chicago Office*

21 USFOMCIB 10 14 WEBR AM

6. Focus on Passive House and Reducing Carbon Footprint

Wednesday, October 20, 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: .2 CEUs (Energy)

Agenda Highlights:

Reasons for the “most energy efficient building standard in the world”

What Passive House does and doesn't address

Examples from single-family and multi-family

Real world case studies and measured performance data

Identifying and addressing issues, practical considerations

Presented by Michael B. Duclos

Principal and Founder of THE DEAP Energy Group, LLC

21 USFOPHRC 10 20 WEBR PC

7. How to Use Less Toxic Insect Control in Interior Spaces

Thursday, October 21, 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

Agenda:

Pests are more than just a nuisance! Don't put up with pests at work or home

Pest prevention pays for itself and improves food safety, fire safety and energy conservation

Common pest issues and long-term solutions

Key elements for sustaining your pest-free environment

Valuable resources to support your pest-free program

Presented by Thomas A. Green, Ph.D., CCA

President, IPM Institute of North America Inc.

21 USH2LTIC 10 21 WEBR JB

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

Can't Attend? Order the Webinar as a Self-Study Package!

Recordings of these webinars are available for purchase. See course listings 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. Self-study packages do not qualify for AIA or LA CES credit.

8. How to Analyze Common Construction Defects and Failures

Tuesday, October 26, 2021 | 2:00 - 4:00 pm CDT **Tuition:** \$100

Credits:

Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours

AIA: 2.0 LU|HSW International Code Council: .2 CEUs (Building)

Agenda:

Building's general structural engineering issues

Foundation systems issues Structural framing members

Patent and latent construction defects

Exploring deficiencies and failures in structures

Presented by Casey K. Hemmatyar, SE

Engineer with Pacific Structural and Forensic Engineers Group

21 USH2ACDF 10 26 WEBR TB

9. Focus on Volatile Organic Compounds (VOCs)

Wednesday, October 27, 2021 | 3:00 - 5:00 pm CDT **Tuition:** \$100

Credits:

Professional Engineers: 2.0 PDHs Architects: 2.0 HSW CE Hours

AIA: 2.0 LU|HSW International Code Council: .2 CEUs (Building)

Agenda:

Defining volatile organic compounds History of VOCs

Regulation and restriction of VOCs

A primer on common VOCs: sources, effects and alternatives

- Paints and strippers
- Caulks and sealants
- Flooring and carpet
- Varnishes and finishes
- Adhesives
- Particleboard
- Furniture

Presented by Daniel A. Huard

Co-Founder and Principal of Humann Building Solutions, LLC in Las Vegas, NV

21 USFOVOCs 10 27 WEBR CP

10. Focus on Natural Restoration

Wednesday, October 27, 2021 | 10:00 am -12:00pm 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:

Background on why we are where we are: a summary of historical landscape modification

A primer on restoration, ecological engineering and novel ecosystems-perspectives and goals re-examined

Stream and wetland restoration-why do we treat them separately

Watershed restoration using historic landscape models and current engineering practices/BMPs

Stormwater management and its limitations

Cost-benefit considerations of green infrastructure-an incomplete analysis

Our future: global warming, resilience and green infrastructure

Presented by Joe Berg

Practice Leader for Ecological Restoration for Biohabitats

21 USFONRST 10 27 WEBR LH

11. How to Irrigate Sustainably

Wednesday, October 27, 2021 | 1:00 - 4:15 pm (incl. a 15-min break) **Tuition:** \$150

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

Floodplain Managers: 3.0 ASFPM CECs

Agenda:

Water use of traditional irrigation systems

Identifying less water-intensive plants for landscaping

Improving soils Retaining moisture with mulches plants according to water needs

Using drip irrigation Using subsurface drip irrigation

Presented by Lorence (Loren) R. Oki, Ph.D.

UC Cooperative Extension Specialist in Environmental Horticulture

21 USH2IGTS 10 27 WEBR PC