

# 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 NY 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)). 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 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](http://www.gotowebinar.com).

## May Short Webinar Catalog

Ten Live, Interactive Online Webinars

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HalfMoon Education Inc.  
PO Box 278  
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## May Short Webinar Catalog

Ten short webinars that each take a look at a single subject in May.

To register, view webinar agendas, credit information and to learn about our distinguished faculty, please visit us online at: [www.halfmoonseminars.org](http://www.halfmoonseminars.org)

### Special Offer:

Spend \$300 or more on the webinars listed in this brochure and receive 25% off tuition! Use coupon code **MAYSHORT2022** at checkout or give us a call at 715-835-5900 and press 1 for Customer Service.



## HalfMoon Education Live Webinars

# May Short Webinar Catalog

Ten webinars that each take a look at a single subject



1. Orthometric Heighting with GNSS
2. How to Design and Construct Accessory Dwelling Units
3. Innovations in Edible Landscaping
4. Designing More Thermally Efficient Residential Envelopes for Northern Cold and Mixed Climates
5. Legal Issues Involving COVID-19 and Construction Contracts
6. Construction Trades Coordination on Projects
7. Understanding Adverse Possession
8. Mixed Occupancies: A Design Option
9. Introduction to Bad Consumer Product Design and Safety
10. How to Design a Stormwater Management System for Residential Sites



1. Orthometric Heighting with GNSS

Tuesday, May 10, 2022 | 9:00 am - 1:15 pm CDT (incl. a 15-min break) Tuition: \$209

Credits: Professional Engineers: 4.0 PDHs (No credit in NY)  
Land Surveyors 4.0 PDHs (No credit in NJ, NY, TN), 4.0 FL PDHs (Course No. 10244)

Agenda Highlights:  
Gravity, geopotential, and the geoid                      Heighting systems  
Orthometric heighting with GNSS

Presented by Thomas H. Meyer, Ph.D. Professor of Geodesy, University of Connecticut  
22 USOHGNSS 5 10 WEBR AM

2. How to Design and Construct Accessory Dwelling Units

Wednesday, May 11, 2022 | 12:30 - 2:30 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:  
Defining accessory dwelling units      History of accessory dwelling units (ADUs)  
Benefits and drawbacks      Ownership and occupancy  
Land use and permitting issues      Economics of ADUs      Types of ADUs  
Complying with building codes and standards  
Case studies

Presented by Kalani Creutzburg Founder and CEO of ADU Geek  
22 USH2DADU 5 11 WEBR LH

3. Innovations in Edible Landscaping

Thursday, May 12, 2022 | 12:30 - 2:30 pm CDT Tuition: \$109

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

Agenda Highlights:  
Defining edible landscapes      Benefits of edible landscaping  
Applications for edible landscapes      Appropriate plantings

Presented by Justin Rohner Founder of Agriscaping Technologies  
22 USIEDLSC 5 12 WEBR WL

4. Designing More Thermally Efficient Residential Envelopes for Northern Cold and Mixed Climates

Monday, May 16, 2022 | 2:30 - 4:30 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:  
Cold climate definitions      Energy code climate zones  
Heating and cooling degree-days  
Energy code envelope requirements for mixed climate zone 4 and cold zones 5, 6 and 7  
R-value and airtightness      R-value of wood-framed assemblies  
Condensation potential as R-value increases      Common envelope design shortcomings  
Below-ground slabs and walls of basements and crawlspaces insulation  
Air barriers      Blower-door test data  
Heat gain, loss and HVAC capacities formulas      Reducing overall envelop area  
Different window SHGC based on orientation

Presented by John F. Robbins CEM/CSDP Energy Consultant in Morning View, KY  
22 USDTEENV 5 16 WEBR CP

5. Legal Issues Involving COVID-19 and Construction Contracts

Tuesday, May 17, 2022 | 1:00 - 3:00 pm CDT Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs (No credit in NY)  
Architects: 2.0 Non-HSW CE Hours      AIA: Pending

Agenda Highlights:  
The legal concept of force majeure, including definition developed through common law and case law  
Different types of force majeure clauses, the benefits/detriments of each  
Relief for force majeure and treatment of the clause by courts in different jurisdictions  
Contractual notice provisions and their effect on claims relating to COVID-19  
The imposition liquidated damages in the context of COVID-19  
Indemnification and insurance      Site safety  
Suspension or termination for convenience      Consequential damages

Presented by Steven Nudelman Partner, Greenbaum, Rowe, Smith & Davis, LLP  
22 USLICVDC 5 17 WEBR PC

6. Construction Trades Coordination on Projects

Tuesday, May 17, 2022 | 10:00 am - 12:00 pm CDT Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs (No credit in NY)  
Architects: 2.0 Non-HSW CE Hours      AIA: Pending  
International Code Council: Pending

Agenda Highlights:  
Highlighting the importance of kickoff meetings  
Weekly progress meetings      Safety meetings  
Schedules      Site logistics  
Communication

Presented by Daniel P. Messmer, P.E., D. GE  
Project Manager with The Gateway Engineers, Inc., in Pittsburgh, PA  
22 USCONTCP 5 17 WEBR LH

7. Understanding Adverse Possession

Wednesday, May 18, 2022 | 11:00 am - 2:20 pm CDT (incl. a 20-min break) Tuition: \$159

Credits: Professional Engineers: 3.0 PDHs (No credit in NY)  
Land Surveyors: 3.0 PDHs (No credit in NJ, NY, TN), 3.0 FL PDHs (Course No. 10243)

Agenda Highlights:  
Different forms of possession  
What gives rise to this claim      How is it pursued  
What is its effect on either clarifying or further muddying the chain of title that surveyors must follow?  
Is there a difference between adverse possession claims and trespassing?  
Is it true that there can be no adverse claims against a governmental entity?

Presented by Wendy Lathrop, PLS, CFM President and Owner of Cadastral Consulting, LLC  
22 USDDUAPS 5 18 WEBR LH

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

8. Mixed Occupancies: A Design Option

Friday, May 20, 2022 | 1:00 - 4:15 pm CDT (incl. a 15-min break) Tuition: \$159

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

Agenda Highlights:  
Defining mixed use buildings and mixed occupancies  
Types of mixed-use buildings  
Treatment of mixed occupancies under International Building Code  
• Accessory occupancies      • Separated occupancies  
Non-separated occupancies  
Meeting code requirements for mixed occupancies

Presented by Greg Karow Certified Building Official, CEO of Code Educational Opportunities  
22 USIBCMOD 5 20 WEBR SC

9. Introduction to Bad Consumer Product Design and Safety

Tuesday, May 24, 2022 | 1:00 - 3:00 pm CDT Tuition: \$109

Credits: Professional Engineers: 2.0 PDHs (No credit in NY)

Agenda Highlights:  
Foundational hazards for consumer products  
Human factors and the consumer product  
Theory of operation and use vs. actual use (aka. foreseeable/unforeseeable)  
Codes, standards, industry accepted standards – the good, the bad, and the ugly  
Case studies

Presented by Peter Chen, M.S.M.E., MBA, P.E., CFEI, ACTAR Mechanical Engineer, ARCCA  
22 USI2BCPD 5 24 WEBR TB

10. How to Design a Stormwater Management System for Residential Sites

Tuesday, May 24, 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  
International Code Council: .2 CEUs (Sitework)

Agenda Highlights:  
Objective      Components      Drainage report  
Stormwater management plan      Stormwater design parameters  
Hydrologic cycle      Hydrology - modeling runoff  
Hydrology - methods      Hydrology theory - HEC 2, TR20, TR55  
Unit hydrograph      Critical factors  
Storm types, type I, II, III + extreme storms      Hyetograph vs hydrograph  
Hydrograph for various storm frequencies      Time of concentration, Tc  
Curve numbers      Soils      Drainage area maps  
Case study - DA 110      Detention basin design      Energy equation  
Hydraulic theory open channel flow - Manning's Eq.      Culvert design  
Stormwater - environmental site design  
Best management practices (BMP) - States  
Low Impact Development (LID)  
Massachusetts Stormwater Handbook & 10 Standards

Presented by Jeffrey A. Brem, P.E. Registered professional engineer in Mass, NH, and Maine  
22 USH2DSMS 5 24 WEBR FC

Added Value: Enhance your learning - recordings of these webinars will be available for attendees to stream online for two weeks after the program dates.  
(Must attend live webinars to earn live webinar credits)