

# 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 FL, KS, NJ, TN and TX, 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 (APA)

Boards of Engineering: Florida (No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (No. S-0130), and North Dakota.

Course-by-Course Providers:

Association of State Floodplain Managers

American Planning Association/AICP

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).

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

## Deep Dive Webinar Series

Nine Live, Interactive Online Webinars



HalfMoon Education Inc.  
PO Box 278  
Altoona, WI 54720-0278

NON-PROFIT  
U.S. POSTAGE PAID  
EAU CLAIRE, WI  
PERMIT NO. 2016

## Deep Dive Webinar Series

**Nine short webinars that each take a look at a single subject in March 2021**

**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)**

**Have questions or wish to register by phone?**

Give us a call at 715-835-5900 and press 1 for Customer Service.

 Find us on  
Facebook

## HalfMoon Education Online Learning Deep Dive Webinar Series

Nine short webinars that each take a look at a single subject in March 2021



1. Deep Dive: Digging into Soil Properties and Qualities
2. Deep Dive into Passive House: Purpose, Principles and Development
3. Deep Dive into the Important Concepts of the International Residential Code
4. The Energetics of Space: Modern and Ancient Approaches to the Built Environment
5. Deep Dive into Effective Construction Cost Estimating
6. Considerations for Acquiring and Developing Brownfields Properties in the U.S.
7. Deep Dive into Geotechnical Investigations for Roadways and Roadway Structures
8. Gray vs. Green: Deep Dive into the Role of Green Infrastructure in the Face of an Uncertain Climate
9. Deep Dive into Construction Program Management

***Each webinar earns continuing education credit. Look inside for details and visit us online at [www.halfmoonseminars.org](http://www.halfmoonseminars.org) for more information.***



HalfMoon Education Inc.  
[WWW.HALFMOONSEMINARS.ORG](http://WWW.HALFMOONSEMINARS.ORG)

## 1. Deep Dive: Digging into Soil Properties and Qualities

Friday, March 5, 2021 | 10:00 am - 1:00 pm CST

**Tuition:** \$150

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

### **Agenda:**

Definition and purpose of soil properties and qualities  
Identify soil properties and qualities  
Soil properties in developing soil interpretations  
Where to find soil properties, qualities, and interpretations information  
Using Web Soil Survey

### **Presented by**

**Rick Bednarek** *Retired NRCS State Soil Scientist*

21 USDDSOIL 3 5 WEBR LH

## 2. Deep Dive into Passive House: Purpose, Principles and Development

Tuesday, March 16, 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 (Building)

### **Agenda Highlights:**

Development of PHIUS+ 2018 design standard  
History of certifying agencies in US: PHI and PHIUS  
Passive House Standard: voluntary performance-based building envelope energy standard  
Energy calculations: how and when to perform them  
Energy calculation tools: an introduction to tools and their functionality  
Assembling a team to ensure quality and performance  
Examining common design features of Passive Houses

**Presented by Lisa White** *Associate Director at Passive House Institute US in Chicago, IL*

21 USDDPSVH 3 16 WEBR BA

## 3. Deep Dive into the Important Concepts of the International Residential Code

Thursday, March 18, 2021 | 11:00 am - 2:30 pm CDT (incl. 30-min. break)

**Tuition:** \$150

**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:**

Building planning  
Means of egress and accessibility  
Structural considerations  
Residential fire safety  
Residential energy efficiency

**Presented by Lawrence Life** *Owner of Life Engineering in Ashland, MO*

21 USDDCIRC 3 18 WEBR PC

**To register, view detailed presenter biographies and agendas, and to see other learning opportunities, please visit:**

**www.halfmoonseminars.org**

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

## 4. The Energetics of Space: Modern and Ancient Approaches to the Built Environment

Thursday, March 18, 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 International Code Council: .2 CEUs (Building)

### **Agenda:**

A new frame of reference for thinking about building and design  
Insight into the past and how it can inform contemporary design  
An understanding of subtle energy  
Modern and ancient approaches to forming and informing the built environment uncommon to today's practice  
How design and technology affect human and environmental health

**Presented by Ariel Steuer, ASID, NCIDQ** *Interior Designer, The Kubala Washatko Architects*

21 USDDSPC 3 18 WEBR TC

## 5. Deep Dive into Effective Construction Cost Estimating

Friday, March 19, 2021 | 8:30 am - 12:45 pm CDT (incl. 15-min. break)

**Tuition:** \$200

**Credits:** Professional Engineers: 4.0 PDHs Architects: 4.0 CE Hours (non-HSW)  
AIA: 4.0 LU|HSW International Code Council: .40 CEU (Administration)

### **Agenda:**

Different types of estimates Common errors and how to avoid them  
Site visits - what to look for Estimating checklists  
Estimating data resources and the good and bad of each  
Estimating overhead and profit Estimating general conditions  
Estimating phasing and accounting for proper material and labor contingencies/escalation  
Estimating labor costs on a job - all factors to look for Estimating equipment costs  
Square foot cost estimating and adjusting for current market conditions  
Reviewing other estimates for accuracy Composing your own cost estimates  
Estimating software New construction vs renovation factors to consider  
Estimating change orders How scheduling and estimating go hand in hand

**Presented by Joshua Huck** *Owner at Estimatica, Inc. in Woodstock, CT*

21 USDDCECE 3 19 WEBR JB

## 6. Considerations for Acquiring and Developing Brownfields Properties in the U.S.

Tuesday, March 23, 2021 | 1:00 - 4:00 pm CDT (incl. 15-min. break)

**Tuition:** \$125

**Credits:** Professional Engineers: 2.5 PDHs Architects: 2.5 HSW CE Hours  
AIA: 2.5 LU|HSW Landscape Architects: 2.5 HSW CE Hours LA CES: 2.5 HSW PDHs  
International Code Council: .25 CEUs (Sitework)

### **Agenda:**

History and background of brownfields incentives programs  
Available incentives for purchasers and developers under brownfields programs  
Developing brownfields properties under brownfields programs  
Legal obligations assumed by brownfields owners, including "continuing obligations"

### **Presented by**

**David Gillay** *Partner & Attorney at Barnes & Thornburg (Indianapolis, IL)*

**Rich Glaze** *Partner & Attorney at Barnes & Thornburg (Atlanta, GA)*

**Charlie Denton** *Partner & Attorney at Barnes & Thornburg (Atlanta, GA & Grand Rapids, MI)*

**Randy Brandt, P.G.** *Senior Principal Geologist at Geosyntec Consultants (Oakland, CA)*

21 USDDADBP 3 23 WEBR WL

## 7. Deep Dive into Geotechnical Investigations for Roadways and Roadway Structures

Tuesday, March 23, 2021 | 11:00 am - 2:15 pm CDT (incl. 15-min. break)

**Tuition:** \$150

**Credits:** Professional Engineers: 3.0 PDHs

### **Agenda:**

Surface investigation and reconnaissance  
Subsurface investigation strategies Subsurface exploration methods  
Sampling and in-situ testing Instrumentation  
Subsurface modeling Applications for general construction

**Presented by Curran E. Mohney, RG, CEG** *Engineering Geologist*

21 USDDGEOI 3 23 WEBR TB

## 8. Gray vs. Green: Deep Dive into the Role of Green Infrastructure in the Face of an Uncertain Climate

Wednesday, March 24, 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 Landscape Architects: 2.0 HSW CE Hours LA CES: 2.0 HSW PDHs  
Floodplain Managers: 2.0 ASFPM CECs

### **Agenda Highlights:**

Continued emerging role and importance of integrated green infrastructure systems  
Community benefits  
Scientific principles and functions associated with historical patterns  
Impacts to land and water resources  
Importance of infiltration-based restorative water and carbon management  
Emerging technologies Case studies

### **Presented by**

**James M. Patchett** *FASLA, RLA, LEED AP, Co-Founder and Partner: Solutions in the Land LLC*

21 USDDRGIC 3 24 WEBR LH

## 9. Deep Dive into Construction Program Management

Friday, March 26, 2021 | 1:00 - 2:30 pm CDT

**Tuition:** \$75

**Credits:** Professional Engineers: 1.5 PDHs Architects: 1.5 CE Hours (non-HSW)  
AIA: 1.5 LU|Elective

### **Agenda:**

An introduction to program management  
Project vs. program management Strategic vs. tactical thinking  
Quality vs. grade Quality vs. value  
The three themes of program management  
• Stakeholder management • Benefit realization  
• Governance

### **Presented by**

**Joseph W. Delaney, PhD, P.E., PgMP, CCM, LEED AP** *General Manager of the construction management services group at Delaney CMS in Poplarville, Mississippi, and President of Delaney Parametric Design*

21 USDDICPM 3 26 WEBR CP

### **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.