

Agenda

Presented by Joseph W. Delaney, P.E., PgMP, CCM, LEED AP

Practical Site Engineering: Science & Techniques Day One

Thursday, January 14, 2021 | 11:00 am - 3:15 pm CST (including a 15-min. break)

Science of Soils

- Physical properties of soil
- Soil structure
- Subsurface structure
- Blocky structure
- Bulk densities
- Macroporosity and micropores

Storm Water Management

- State and local rule requirements
- Drainage system controls
- Sediment traps and basins
- Buffer zone requirements
- Slope stabilization
- Homebuilder lot BMP compliance
- Establish proper building materials handling and storage areas
- Establish proper equipment/vehicle fueling and maintenance practices
- Develop spill prevention and response plan

Earthwork Safety (by Design)

- What is safety by design?
- Weight of soil and excavation hazards
- Underground installations
- Water accumulation
- Protection of employees and related problems
- Soil classification and definitions

Practical Site Engineering: Science & Techniques Day Two

Friday, January 15, 2021 | 11:00 am - 2:15 pm CST (including a 15-min. break)

Site Plans

- What site plans must include
- Compacting and soil testing
- Primary soil considerations
- Surface water, groundwater, paving and surfacing
- Excavation specs and haul payments
- Construction grade staking

Site Program Management

- Strategic vs. tactical thinking
- Program governance
- Three themes of program management
- Project phases

Practical Site Engineering: Science & Techniques

Online - Thursday, Jan. 14 and Friday, Jan. 15, 2021



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

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

Learning Objectives

You'll be able to:

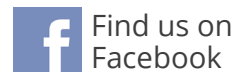
Engineer construction sites for slope stabilization, stormwater management, and landscape aesthetics.

Consider the impact of soil characteristics and soil structure.

Learn to manage stormwater and control erosion.

Discuss procedures for ensuring earthwork safety.

Develop site plans and manage site work with a focus on quality control.



HalfMoon Education Online Learning Practical Site Engineering: Science & Techniques

Live, Interactive Webinar Series
Thursday, January 14 and Friday, January 15, 2021



Accommodate multiple purposes of site engineering

Consider the impact of soils and soil structures

Manage stormwater

Establish materials handling and storage areas

Maintain earthwork safety

Explore site plans and review required contents

Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW CE Hours

AIA

7.0 LU | HSW

Landscape Architects

7.0 HSW CE Hours

LA CES

7.0 HSW PDHs

International Code Council

.7 CEUs (Sitework)



Half Moon Education Inc.
WWW.HALFMOONSEMINARS.ORG



AIA
Continuing
Education
Provider



PREFERRED
EDUCATION
PROVIDER

Faculty

Joseph W. Delaney, P.E., PgMP, CCM, LEED AP

Dr. Delaney is president and general manager of the construction management services group at Delaney CMS in Union Springs, New York. He is the former president of C&S Design Build Inc., C&S's program and construction management company, where he started the agency construction management business. In his 12-year career there, he developed it into the fastest-growing and most profitable of the firms' business units. At C&S, Dr. Delaney was responsible for more than \$1 billion in completed projects in the education, municipal, wastewater, airport, and private development sectors. In his 25 years as a construction professional, he has served in many roles including those of project engineer, design coordinator, superintendent, construction manager, program manager, general manager, and president. Dr. Delaney is a licensed professional engineer, holds the program management professional (PgMP®) credential, is a certified construction manager (CCM®), and is a Leadership in Energy and Environmental Design (LEED®) accredited professional. Dr. Delaney is the only person in the world with all of these credentials.

In addition, he is an expert critical path method scheduler and has presented both nationally and internationally on construction, project, and program management. Dr. Delaney received his bachelor's, master's, and PhD degrees in Civil Engineering from the State University of New York at Buffalo. He enjoys sharing his experience leading teams, and he has provided management training to senior management including his colleagues at the American Council of Engineering Companies (ACEC) Senior Executive Institute and at Fortune 500 companies, including Johnson & Johnson, Inc., and L3 Communications. Dr. Delaney was recently the keynote speaker at the Tri-State Diversity Summit where he shared Delaney CMS's (a woman-owned business enterprise) vision for equality and empowerment. He is also a professor in the Construction Management Department at Southern Mississippi University.

He recently published a university textbook titled *Construction Program Management* by CRC Press. The textbook is used to teach undergraduate and graduate students and by practitioners to help them formulate a process-based approach for management of large projects and programs.

Webinar Information

Day One: Thursday, January 14, 2021

11:00 am - 3:15 pm CST (including a 15-min. break)

Day Two: Friday, January 15, 2021

11:00 am - 2:15 pm CST (including a 15-min. break)

(please log into the webinar 15 - 30 minutes before start time)

Tuition

\$299 for individual registration

\$199 for three or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

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

Recordings of this webinar are available for purchase. See registration panel 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.

Additional Learning

Structural Forensic Engineering

- Wed, Dec 16, 2020 | 10:00 am - 1:45 pm CST
- Thur, Dec 17, 2020 | 10:00 am - 2:15 pm CST

International Residential Code 2018

- Fri., Dec 18, 2020 | 8:30 am - 4:45 pm CST

Preventing and Addressing Construction Defects and Failures

- Mon, Dec 21, 2020 | 8:30 am - 5:00 pm CST

Special Inspections under the International Building Code Chapter 17

- Mon, Dec 28, 2020 | 9:00 am - 4:30 pm CST

Residential and Small Commercial International Energy Conservation Code

- Tues, Dec 29, 2020 | 9:30 am - 4:30 pm CST

Deep Foundations and Excavations

- Wed, Dec 30, 2020 | 9:00 am - 4:30 pm CST

For more information and other online learning opportunities visit: www.halfmoonseminars.org

Continuing Education Credit Information

This webinar offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in all states. It offers 7.0 HSW continuing education to landscape architects licensed in all states, except Florida, New Jersey, or North Carolina.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York 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) and §69.6(i)(2), §79-1.5(i)(2)). Courses approved by the AIA/CES qualify for Florida and New Jersey architects. Other states do not preapprove continuing education providers or courses.

The Landscape Architecture Continuing Education System has approved this course for 6.5 HSW PDHs, and the American Institute of Architects Continuing Education System has approved it for 6.5 LU | HSW (Sponsor No. J885). Only full participation is reportable to the LA CES and AIA/CES.


This course is approved by the International Code Council for .7 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

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).

Registration

Practical Site Engineering: Science & Techniques

Live, Interactive Webinar - Thursday, January 14 and Friday, January 15, 2021

How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip: _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900	Code:	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066		Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		()  I need special accommodations. Please contact me.
Complete the entire form. Attach duplicates if necessary.		

Tuition

() **I will be attending the live webinar.** Single Registrant - **\$299.00**. Three or more registrants from the same company registering at the same time - **\$199.00** each.

() **I am not attending.** Please send me the webinar recording:

- Streamable MP4 Video/PDF Manual for **\$279.00**.
- USB Video/PDF Manual for **\$279.00**.

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____