

Agenda

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

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

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

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at \$269. 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.

Practical Site Engineering: Science and Techniques

New Orleans, LA - Friday, September 13, 2019



HalfMoon 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:

Understand the physical properties of soil.

Understand state and local stormwater requirements and evaluate stormwater BMPs.

Practice earthwork safety, and protect employees and underground installations.

Establish proper building materials handling and storage sites.

Discuss the three themes of site program management.



Find us on
Facebook

Practical Site Engineering: Science and Techniques

New Orleans, LA - Friday, September 13, 2019



Understand the science of soils

Identify stormwater regulations, including buffer zone requirements

Study the contents of site plans

Learn the three themes of site program management

Discuss earthwork safety practices

Continuing Education Credits

Professional Engineers

7.0 PDHs

Contractors

Non-Credit Continuing Ed.

Architects & Landscape Architects

7.0 HSW CEHs

7.0 AIA LU|HSW

7.0 LA/CES HSW PDHs



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



Faculty

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

Mr. 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, Mr. 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. Mr. 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. Mr. 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. Mr. 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 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. Mr. 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.

Seminar Information

Pan American Conference and Media Center

601 Poydras Street, 11th Floor
New Orleans, LA 70130
(504) 200-5730

Tuition

\$289 for individual registration
\$269 for three or more registrations.

Included with your registration: Complimentary continental breakfast and printed seminar manual.

Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

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

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

Registration
8:00 - 8:30 am
Morning Session
8:30 - 11:45 am
Lunch (on your own)
11:45 am - 12:45 pm
Afternoon Session
12:45 - 5:00 pm

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in most states, including Louisiana. Educators and courses are not subject to preapproval in Louisiana. HalfMoon Education is an approved continuing education sponsor for Florida engineers.

This seminar offers 7.0 HSW CEHs to Louisiana landscape architects. Educators and courses are not subject to preapproval

This course is approved by the American Institute of Architects for 7.0 LU|HSW (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 7.0 HSW PDHs. The Louisiana State Board of Architectural Examiners accepts programs approved by the American Institute of Architects. Only full attendance can be reported to the AIA/CES and LA/CES. Visit www.halfmoonseminars.org for complete AIA information under this course listing.

This course offers a non-credit continuing education opportunity for construction contractors. It is not approved in any state with a contractor continuing education requirement.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Additional Learning

Webinar Series

Shallow Foundations

- **Evaluating Building Sites**
Thurs., July 25, 2019, 11:00 AM - 12:30 PM CDT
- **Shallow Foundation Design**
Thurs., July 25, 2019, 1:00 - 2:30 PM CDT
- **Special Considerations in Foundation Design and Construction**
Fri., July 26, 2019, 11:00 AM - 12:30 PM CDT
- **Soil Improvement and Foundation Diagnosis and Repair**
Fri., July 26, 2019, 1:00 - 2:30 PM CDT

Foundation Damage and Repair

- **Science of Structures and Soils**
Tues., July 30, 2019, 11:00 AM - 12:30 PM CDT
- **Foundation Design and Construction**
Tues., July 30, 2019, 1:00 - 2:30 PM CDT
- **Diagnosing Foundation and Slab Damage and Evaluating Repair Methods**
Wed., July 31, 2019, 11:00 AM - 12:30 PM CDT
- **Diagnosing Basement Wall Damage and Evaluating Repair Methods**
Wed., July 31, 2019, 1:00 - 2:30 PM CDT

Off-grid Master Class

- **Off-grid Master Class, Part I**
Thurs., August 1, 2019, 11:00 AM - 2:15 PM CDT
- **Off-grid Master Class, Part II**
Fri., August 2, 2019, 11:00 AM - 2:15 PM CDT

Stormwater Infiltration

- **Infiltration and Soil: Water Science**
Thurs., August 8, 2019, 11:00 AM - 12:30 PM CDT
- **Infiltrating Stormwater and Maximizing Infiltration**
Thurs., August 8, 2019, 1:00 - 2:30 PM CDT
- **Improving Infiltration with Low Impact Development Techniques**
Fri., August 9, 2019, 11:00 AM - 12:30 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at \$269. 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.

Registration

Practical Site Engineering: *Science and Techniques*

New Orleans, LA - Friday, September 13, 2019

How to Register		Registrant Information	
Online: www.halfmoonseminars.org		Name: _____	
Phone: 715-835-5900		Company/Firm: _____	
Fax: 715-835-6066	Code:	Address: _____	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		City: _____ State: _____ Zip: _____	
Complete the entire form. Attach duplicates if necessary.		Occupation: _____	
		Email: _____	
		Phone: _____	
		Additional Registrants:	
		Name: _____	
		Occupation: _____	
		Email: _____	
		Phone: _____	
		Name: _____	
		Occupation: _____	
		Email: _____	
		Phone: _____	
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.			
() I need special accommodations. Please contact me.			

Tuition

() **I will be attending the live seminar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$269.00** each.

() **I am not attending.** Please send me the self-study package:

- Downloadable MP3 Audio/PDF Manual for **\$269.00**.
- CD/Manual Package for **\$289.00**.

(S&H included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

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

Credit Card Number: _____

Expiration Date: _____ CVV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____