

Presented by Mohamed El-Gafy, Ph.D., PE

Project Management Overview

- Design and construction process
- Project phases
- Contracts and agreements
- Project teams
- Project manager skills and responsibilities

Project Procurement and Development

- Developing early estimates
- Preparing project budgets
- Developing work plans
- Reviewing design proposals
- Managing the design process
- Establishing engineering scope and project controls

Effective Project Management

- Reviewing project delivery systems
- Managing project scope
- Establishing work breakdown structure
- Scheduling and cost control
- Resource management
- Establishing and maintaining safety procedures

Project Close-Out and Turn-Over

- On-site system testing
- Final inspection
- Guarantees and warranties
- Turnover of drawings, technical information and user manuals
- Personnel training
- Project closeout and evaluation

Engineering and Construction Project Management
East Lansing, MI - Friday, March 15, 2019

You'll be able to:

Understand project manager skills and responsibilities.

Review project budgets, work plans, and design proposals.

Obtain estimates and establish work breakdown structures.

Manage resources and maintain safety procedures.

Handle project closeout and turnover of drawings, technical information and user manuals.

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Discuss engineering and construction project phases, and explore project manager responsibilities

Review estimates, budgets and work plans

Establish work breakdown structures, prepare schedules and control costs

Maintain safety procedures and manage resources

Conduct final inspections and participate in project closeout

Continuing Education Credits

This seminar offers 6.5 continuing education hours/PDHs to professional engineers in all states.

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

An audio recording of this seminar is available for \$289. Allow four weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Faculty

Mohamed El-Gafy, Ph.D., PE, is the managing partner for the Michigan-based Gafy and Company LLC, a consulting firm offering a comprehensive range of products and services that covers all aspects of engineering, construction, and management from conceptualization to commissioning. Mr. El-Gafy is a member of AACE and has 19 years of experience as a construction estimator. In addition, he is an associate professor in the Construction Management Program in the Michigan State University School of Planning, Design, and Construction. Driven by the curiosity to learn, Mr. El-Gafy has been involved in a full range of intellectual and creative engagement activities that have increased his understanding of the field of construction engineering and management and how it interacts with all areas of the built environment. His main research interests center around investigating and re-engineering current construction processes to maximize the value of construction service provided to customers (process owners or project clients) that would result in more sustainable products. Mr. El-Gafy is also interested in investigating the interface of technology and management processes in the construction environment. He has participated in numerous research, teaching and service opportunities of significant scope.

Seminar Information

Marriott at University Place
300 Michigan Agricultural College Ave.
East Lansing, MI 48823
(517) 337-4440

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 am - 12:00 pm
Lunch (on your own)
12:00 - 1:00 pm
Afternoon Session
1:00 - 4:30 pm

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours (PDHs) to professional engineers in all states. Educators and courses are not subject to preapproval in Michigan.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota.

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.

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Additional Learning

Webinar Series

Off-Grid Master Class

- **Off-Grid Master Class, Part I**
Wed., Feb. 6, 2019, 11:00 AM - 2:15 PM CST
- **Off-Grid Master Class, Part II**
Thurs., Feb. 7, 2019, 11:00 AM - 2:15 PM CST

Complying with ADA Standards for Accessible Design

- **Complying with Federal and State Accessibility Requirements**
Thurs., Feb. 7, 2019, 11:00 AM - 1:30 PM CST
- **Meeting Requirements in IBC and ADA Standards**
Fri., Feb. 8, 2019, 11:00 AM - 1:30 PM CST

Special Inspections

- **Introduction to Chapter 17: Special Inspections**
Wed., Feb. 13, 2019, 11:00 AM - 12:30 PM CST
- **Soils and Foundations**
Wed., Feb. 13, 2019, 1:00 - 2:30 PM CST
- **Reinforced Concrete and Structural Steel**
Thurs., Feb. 14, 2019, 11:00 AM - 12:30 PM CST
- **ACT Ceiling Grid, Epoxy Anchors, and Fire Penetrations**
Thurs., Feb. 14, 2019, 1:00 - 2:30 PM CST

Foundations in Cold Regions

- **Introduction to Cold Regions Foundations**
Thurs., Feb. 21, 2019, 11:00 AM - 12:30 PM CST
- **Shallow Foundation Design in Cold Regions**
Thurs., Feb. 21, 2019, 1:00 - 2:30 PM CST
- **Deep Foundation Design in Cold Regions**
Fri., Feb. 22, 2019, 11:00 AM - 12:30 PM CST
- **Foundation Construction in Cold Regions**
Fri., Feb. 22, 2019, 1:00 - 2:00 PM CST

Soil Mechanics and Retaining Wall Design


- **Soil Investigation and Classification**
Wed., Feb. 27, 2019, 11:00 AM - 1:00 PM CST
- **Retaining Walls: What They Do and How They Do It**
Wed., Feb. 27, 2019, 1:30 - 2:30 PM CST
- **Geosynthetics and Retaining Walls**
Thurs., Feb. 28, 2019, 11:00 AM - 1:30 PM CST
- **Retaining Wall Failures and Fixes/Site Layout and Prevention**
Thurs., Feb. 28, 2019, 2:00 - 4:00 PM CST

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

Registration

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How to Register		Registrant Information
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Phone: 715-835-5900		Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____
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Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Occupation: _____ Email: _____ Phone: _____
Complete the entire form. Attach duplicates if necessary.		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 for **\$289.00**.

Downloadable MP3 Audio/PDF Manual

CD/Manual Package

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

Checks: Make payable to HalfMoon Education Inc.

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