

Agenda

Presented by Mike Keating, PE, MBA

Construction Players, Stages of a Project

- Construction entities
- Organizational structure
- Public vs. private
- Unions
- Project types
- Project lifecycle
- Construction technology

Real Estate, Feasibility, Design Professional and Contractor Selection, Programming

- Due diligence, code research
- Project delivery type
- Source selection
- Design process, A/E scope of work and fee structure
- Sustainability

Drawings, Specifications, Contracts, Bidding, Pre-Construction, Mobilization

- Work breakdown structure, bid package
- Types of contracts
- General and supplemental conditions
- Liens
- Bonds and insurance
- Buyout, subcontracts

Scheduling

- Gantt charts, bar charts
- Critical path method (CPM)
- Misc. schedule topics: liquidated damages, schedule “crashing”

Construction Phase

- Claims, dispute resolution
- Change orders
- Schedule of values, pay applications
- Equipment
- Labor issues
- Materials
- Project closeout

Miscellaneous Topics

- Safety
- Earned value management
- Summary: scope, time, cost, quality, HR, communications, risk, procurement

Construction Project Management
Tallahassee, FL - Friday, February 15, 2019

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PO Box 278
Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Identify the key players in a construction project and define common project types.

Learn how to perform due diligence and conduct code research.

Understand the bidding process.

Discuss the design, pre-construction and mobilization project phases.

Apply the critical path method (CPM) to the project schedule.

Handle disputes, change orders, and project closeout.



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Review the stages of a construction project and identify the key players

Learn about project delivery types

Discuss bidding, contracts, liens, bonds and insurance

Receive practical tips on scheduling

Handle claims, disputes, change orders and labor issues

Discuss safety as well as sustainability

Continuing Education Credits

Architects

- 6.5 Florida HSW CE Hours
- 6.5 AIA HSW Learning Units

Engineers

- 6.5 FL Area of Practice CE Hours



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Faculty

Mike Keating has been in the construction industry for over 27 years in various capacities including estimator/cost engineer, project manager, construction manager, director of construction, and A/E construction administrator, to name a few. He has been involved in both commercial and residential construction projects both in the public and private sectors with several individual projects exceeding \$100 million in construction value. Mr. Keating currently works for the U.S. Army Corps of Engineers as a cost engineer and value engineering officer on large military, civil works, and inter-agency developments. In addition, he teaches a class in Construction Engineering as an adjunct instructor at the University of South Alabama’s Department of Civil, Coastal, and Environmental Engineering.

Mr. Keating grew up in Omaha, Nebraska and holds a bachelor’s degree in Construction Management from the University of Nebraska. In addition, he received his MBA degree from the University of West Florida in 2004. He is a licensed professional engineer (PE) in the State of Virginia and a certified general contractor (CGC) in the State of Florida. Mr. Keating holds several other industry certifications including certified cost engineer (CCE), value management associate (VMA), certified professional estimator (CPE), and certified construction contract administrator (CCCA).

Here’s what past attendees had to say about the program and presenter Mike Keating:

- “Thoroughly enjoyed this course.” – *Mechanical Engineering Student*
- Good, interesting presenter. Knowledgeable & experienced.” – *Architect*
- “Great real world examples from instructor.” – *Civil/Site Engineer*
- “Well delivered.” – *Project Management*

Seminar Information

**Four Points by Sheraton
Tallahassee Downtown**
316 West Tennessee Street
Tallahassee, FL 32301
(850) 422-0071

Tuition
\$279 for individual registration
\$259 for three or more registrations.

Each registration includes a 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.

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 continuing education hours to architects and engineers in all states.

HalfMoon Education is an approved continuing education provider for Florida architects (Provider No. 0001388; License No. PVD394). This course is approved for 6.5 HSW continuing education hours. The American Institute of Architects has approved this event for 6.5 HSW Learning Units (Provider No. J885). Only full attendance can be reported for Florida architects and AIA members.

HalfMoon Education is an approved continuing education provider for Florida professional engineers (Provider No. 0004647). This course qualifies for 6.5 Area of Practice continuing education hours.

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

Attendance will be monitored and reported, as required. 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

- Fiber-Reinforced Composites**
- **Portland Cement and Masonry**
Thurs., Jan. 17, 2019, 11:00 AM - 1:00 PM CST
 - **Fiber-Reinforced Composites**
Thurs., Jan. 17, 2019, 1:30 - 3:30 PM CST
 - **Fiber-Reinforced Polymer (FRP) Composites Reinforcement**
Fri., Jan. 18, 2019, 11:00 AM - 1:00 PM CST
 - **Overview of Sandwich Materials and Structures**
Fri., Jan. 18, 2019, 1:30 - 3:30 PM CST

- Pumping and Piping Systems**
- **Introduction to Pumps: Operation, Principles and Calculations**
Thurs., Jan. 24, 2019, 12:00 - 2:00 PM CST
 - **Design Standards and Codes**
Thurs., Jan. 24, 2019, 2:30 - 3:30 PM CST
 - **Piping System Components, Materials and Calculations**
Fri., Jan. 25, 2019, 12:00 - 2:00 PM CST
 - **Handling Pump and Piping System Problems**
Fri., Jan. 25, 2019, 2:30 - 3:30 PM CST

- 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

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

Can’t Attend? Order the Manual and the 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.

Registration

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How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____
		Company/Firm: _____
		Address: _____
		City: _____ State: _____ Zip _____
Phone: 715-835-5900		Occupation: _____
		Email: _____
		Phone: _____
Fax: 715-835-6066		Code:
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ 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 - \$279.00 . Three or more registrants from the same company registering at the same time - \$259.00 each.
() I am not attending. Please send me the self-study package for \$289.00 . ☐ Downloadable MP3 Audio/PDF Manual ☐ CD/Manual Package (Please allow four weeks from seminar date for delivery)
Checks: Make payable to HalfMoon Education Inc.
Credit Card: <i>Mastercard, Visa, American Express, or Discover</i> Credit Card Number: _____ Expiration Date: _____ CVV2 Code: _____ Cardholder Name: _____ Billing Address: _____ City: _____ State: _____ Zip: _____ Signature: _____ Email: _____