Agenda

Presented by Daniel Frondorf, CPE, CDT

Learning Objectives

Identify the purposes of and methodologies for different cost estimates such as design, bid and control estimates.

Utilize data resources and CSI MasterFormat to create estimates.

Estimate labor, equipment, and overhead costs.

Participate in a group estimating exercise for excavation, foundation work and masonry walls.

Learn about industry standard software for estimating construction costs.

Producing Different Types of Cost Estimates
- Design estimate
- Bid estimate
- Control estimate

Construction Estimating Resources and Processes
- Estimating team
- Estimating process
- Data resources
- CSI MasterFormat

Estimating Labor, Equipment, Overhead and Profit
- Estimating labor costs
- Estimating for construction equipment costs
- Estimating overhead costs
- Estimating profit

Analyzing Risk, Managing Subcontractors, and Human Interaction as part of the Estimating Process
- Estimators as risk identifiers and mitigators
- Soliciting, receiving, and reviewing subcontractor and vendor quotes
- How human nature impacts our work as estimators

Group Estimating Exercises
- Work together in teams to estimate the costs of different components of a single construction project; teams will perform quantity takeoffs and develop cost estimates for excavation, concrete footers, and masonry walls

Using Construction Estimating Software
- Review of industry-standard software for quantity takeoffs of one, two, and three dimensional units, PDF creation and manipulation, and spreadsheet based cost estimating templates

Construction Cost Estimating

Charlotte, NC - Friday, January 18, 2019

Understand the difference between different types of cost estimates
Explore construction estimating resources and processes
Learn how to estimate labor, overhead costs, materials and profit
Discuss how to analyze risk and manage subcontractors as part of the estimating process
Review construction cost estimating software and participate in a hands-on cost estimating exercise

Continuing Education Credits

Professional Engineers
6.5 PDHs

Contractors
Non-Credit Continuing Ed.

Architects
6.5 HSW Contact Hours
6.5 AIA HSW Learning Units
Additional Learning

Webinar Series

Residential Energy Code
• Introduction to the Residential Energy Code and Mandatory Requirements
  Thurs., Dec. 6, 2018, 11:00 AM - 12:30 PM CST
• IECC Residential Building Envelope Requirements
  Thurs., Dec. 6, 2018, 1:00 - 2:30 PM CST
• IECC Residential HVAC Requirements
  Fri., Dec. 7, 2018, 10:00 AM - 12:30 PM CST
• International Energy Conservation Permit Pathways
  Fri., Dec. 7, 2018, 1:00 - 2:30 PM CST

Seismic Design and Construction
• Seismology and Building Codes
  Thurs., Dec. 27, 2018, 11:00 AM - 3:30 PM CST
• Seismic Design of Building Structures
  Fri., Dec. 28, 2018, 11:00 AM - 3:30 PM CST

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

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW contact hours to architects in all states, except Florida architects. HalfMoon Education is an approved continuing education provider for North Carolina engineers.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885S). Activities approved by the AIA qualify for North Carolina architects. Only full attendance can be reported to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24C080000700), New York (NYSED Sponsor No. 33), and North Dakota. HalfMoon Education is deemed an approved architect continuing education sponsor in New York.

This event offers a non-credit continuing education opportunity to construction contractors. 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.

Registration

Construction Cost Estimating
Charlotte, NC - Friday, January 18, 2019

How to Register

Online:
www.halfmoonseminars.org

Phone: 715-835-5800
Fax: 715-835-6066
Code: 0

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

Complete the entire form. Attach duplicates if necessary.

Tuition

I am not attending. Please send me the self study package for $289.00.

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.

CD/Manual Package
Downloadable MP3 Audio/PDF Manual

Checks: Make payable to HalfMoon Education Inc.

Credit Card: Mastercard, Visa, American Express, or Discover
Credit Card Number: 
Expiration Date: 
CVV2 Code: 
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