

Agenda

Presented by Steve Watkins, CPE

Producing Different Types of Cost Estimates

Purposes of and methodologies for cost estimates

- Design-build estimate
- Design-bid-build estimate
- Control estimate
- Conceptual 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

Estimating Construction Materials and Services

Earthwork and excavation
Pavements
Concrete structures
Wood structures
Steel structures
Masonry
Floors
Roofing
Interiors
Finishes

Estimating Mechanical, Electrical and Plumbing

Plumbing
Electrical systems
Mechanical systems

Using Construction Estimating Software

Review of industry-standard software

Construction Cost Estimating
Spokane, WA - Friday, April 5, 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:

Learn about producing different types of cost estimates.

Explore construction estimating resources and processes.

Estimate labor, construction equipment, overhead and profit.

Estimate costs for earthwork, pavement, concrete, wood, steel, floors and roofs.

Review industry-standard construction estimating software.



Construction Cost Estimating

Spokane, WA - Friday, April 5, 2019



Learn about producing different types of cost estimates

Explore construction estimating resources and processes

Estimate labor, construction equipment, overhead and profit

Estimate costs for earthwork, pavement, concrete, wood, steel, floors and roofs

Review construction estimating software

Continuing Education Credits

Professional Engineers

Non-Credit Continuing Ed. (WA)
6.5 PDHs (Other States)

Contractors

Non-Credit Continuing Ed.

Architects

6.5 HSW PDHs
6.5 AIA HSW Learning Units



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



Faculty

Steve Watkins, CPE *The Walsh Group*

Mr. Watkins serves as director of preconstruction at The Walsh Group – Walsh Construction & Archer Western in Seattle. He has been the lead estimator there since November 2014. Mr. Watkins is a certified professional estimator (CPE) and is the president of the Puget Sound Chapter of the American Society of Professional Estimators. He has approximately 26 years of experience in the construction industry, having started in the single-family residential area, followed by the land development industry and for the last 12 years in commercial estimating. Mr. Watkins leads the Seattle estimating department for The Walsh Group on all procurement types from the typical “hard bid,” to design/build, GC/CM, and private negotiated GMP projects. He has worked on just about every type of vertical construction project as well as most procurement methods. Previously Mr. Watkins served as chief estimator at Absher Construction and as land development/warranty director at Rick Burnstead Construction. Mr. Watkins studied Construction Management at the University of Washington.

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

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

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

Registration

Construction Cost Estimating

Spokane, WA - Friday, April 5, 2019

How to Register	
Online: www.halfmoonseminars.org	
Phone: 715-835-5900	
Fax: 715-835-6066	Code:
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
Complete the entire form. Attach duplicates if necessary.	
Registrant Information	
Name: _____	
Company/Firm: _____	
Address: _____	
City: _____ State: _____ Zip: _____	
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.	

Seminar Information

The Davenport Grand Hotel

333 West Spokane Falls Blvd.
Spokane, WA 99201
(509) 458-3330

Registration	Lunch (On your own)
8:00 - 8:30 am	12:00 - 1:00 pm
Morning Session	Afternoon Session
8:30 am - 12:00 pm	1:00 - 4:30 pm

Tuition

\$289 for individual registration

\$269 for three or more simultaneous 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 (CDT), 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 CD/manual package. You may also send another person to take your place.

Continuing Education Credit Information

This seminar is open to the public and offers a 6.5 hour continuing education opportunity to Washington professional engineers (not required for license renewal), which will qualify for 6.5 PDHs in other states and 6.5 HSW PDHs to Washington architects. Educators and courses are not subject to preapproval in Washington.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885). 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. 24GP0000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects.

This course offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any state contractor board with mandatory continuing education.

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.

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.

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**.

(Please allow four 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: _____