

Agenda

Presented by Steve Watkins

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

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Construction Cost Estimating

Live, Interactive Webinar - Wednesday, May 8, 2024



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



Learning Objectives

You'll be able to:

Discuss how to produce different types of cost estimates.

Analyze data resources.

Get tips on estimating labor, equipment, overhead and profit.

Estimate material cost including pavement, concrete, steel, and wood.

Learn about estimating mechanical, electrical and plumbing systems.

Review industry standard software.



HalfMoon Education Live Webinars

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Explore purposes of and methodologies for cost estimates

Discuss construction estimating resources and processes

Estimate labor, equipment, overhead and profit

Estimate construction materials and services

Learn about estimating mechanical, electrical and plumbing systems

Review construction estimating software

Continuing Education Credits

Professional Engineers

6.5 PDHs*
(no credit in NY)

Architects

6.5 CE Hours (Non-HSW)
6.5 AIA LU | Elective

International Code Council

.65 CEUs (Administration)



Webinar Information

Log into Webinar

8:30 - 9:00 am CDT

Break

12:30 - 1:00 pm CDT

Morning Session

9:00 am - 12:30 am CDT

Afternoon Session

1:00 - 4:30 pm CDT

Tuition

\$319 for individual registration.

\$289 for two or more registrants from the same company at the same time.

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Faculty

Steve Watkins

Senior Preconstruction Manager for BNBuilders in Seattle, WA

Mr. Watkins has been in the construction industry for over 30 years. He started in the single-family residential market sector, which led him into land development and then onto commercial estimating. Mr. Watkins has spent the past 17 years in preconstruction and commercial estimating. He has been a chief estimator and director of preconstruction leading estimating teams and departments. Currently Mr. Watkins is a Senior Preconstruction Manager for BNBuilders in Seattle. He has been fortunate enough to have worked on all procurement types from the typical "hard bid" to design-build, progressive design-build, GC/CM, and private negotiated GMP for vertical construction projects. Mr. Watkins is the American Society of Professional Estimators (ASPE) Northwest Regional Governor and an ASPE Certified Professional Estimator (CPE).

Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 continuing education hours for licensed architects in most states that allow non-HSW coursework. This course is not approved in New York; please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider License No: CEA362), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130).

The American Institute of Architects Continuing Education System has approved this course for 6.5 LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Administration (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:
6.5 LUs (AIA)

Additional Learning

2021 International Residential Code: Electrical Systems

- Tuesday, April 2, 2024 | 12:00 - 4:30 pm CDT

FAA P107 Drone License Exam Preparation

- Tuesday, April 2, 2024 | 12:00 - 4:20 pm CDT

Basics of Reinforced Concrete

- Wednesday, April 3, 2024 | 1:30 - 4:45 pm CDT

Commercial and High-End Residential Deck Design and Construction

- Wednesday, April 3, 2024 | 9:00 am - 4:00 pm CDT

Walls, Water, and What To Do When They Interact

- Wednesday, April 3, 2024 | 10:00 am - 2:30 pm CDT

Electrifying Existing Homes:

Installation, Commissioning, and Customer Education

- Thursday, April 4, 2024 | 10:00 am - 12:00 pm CDT

Stucco Design, Installation and Repair

- Thursday, April 4, 2024 | 9:00 am - 4:00 pm CDT

Designing and Constructing Slab-on-Grade Foundations

- Tuesday, April 9, 2024 | 9:00 am - 12:00 pm CDT

Designing and Constructing Spread Footing Foundations

- Tuesday, April 9, 2024 | 1:00 - 4:00 pm CDT

Engineered Lumber Design and Construction

- Wednesday, April 10, 2024 | 9:00 am - 5:00 pm CDT

National Electrical Code 2023

- Wednesday, April 10, 2024 | 8:30 am - 5:00 pm CDT

Air-Source Heat Pumps for Residential and Small Commercial Buildings

- Thursday, April 11, 2024 | 9:00 am - 5:00 pm CDT

Moisture and Movement Control Strategies for Masonry Wall Assemblies

- Tuesday, April 16, 2024 | 8:30 am - 4:00 pm CDT

Special Inspections under Chapter 17 of the International Building Code

- Wednesday, April 17, 2024 | 8:30 am - 4:20 pm CDT

Deep Dive into Construction Change Orders

- Thursday, April 18, 2024 | 1:00 - 3:00 pm CDT

Handling Ethical Issues in Professional Engineering Practice

- Friday, April 19, 2024 | 1:00 - 2:00 pm CDT

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