Agenda

Presented by Joshua Huck

Producing Different Types of Cost Estimates

Purposes of and methodologies for 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

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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Ost Estimating - Wednesday, April 28, 2021

Cost

Construction

Live, Interactive Webinar

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



Learning Objectives

You'll be able to:

Identify the purposes of and methodologies for cost estimates.

Explore available construction estimating resources.

Learn the processes for estimating labor costs and equipment costs.

Examine specific construction costs for mechanical, electrical and plumbing.

Examine costs for earthwork and excavation.

Explore cost estimates for concrete, wood and steel structures.

Examine the process of estimating overhead costs and estimating profits.



HalfMoon Education Online Learning

Construction **Cost Estimating**

Live, Interactive Webinar - Wednesday, April 28, 2021



Discuss the production of design estimates, bid estimates and control estimates

Review construction estimating resources and processes

Estimate labor, construction equipment, overhead and profit

Prepare take-offs for earthwork, pavement, concrete, wood, steel, floors and roofing

Explore construction estimating software

Continuing Education Credits

Professional Engineers 6.5 PDHs

6.5 CE Hours (Non-HSW)

Architects

6.5 LU | Elective

AIA

International Code Council .65 CEUs Administration)







Faculty

Joshua Huck Owner at Estimatica, Inc. in Woodstock, CT

Mr. Huck began his estimating career in 1994 while in the US Air Force. Upon leaving in 2000, he worked for general contractors on large commercial projects in Hawaii, Texas, California and Massachusetts. In 2011 he opened up Estimatica, Inc., to serve the needs of design firms, subcontractors and developers providing pre-construction services such as estimating, scheduling and constructability reviews. Most of his firm's projects involve parks and rec areas for municipalities, office buildings, restaurants, high-end luxury homes, universities and specialty gaming facilities.

Mr. Huck employs two part time estimators and oversees multiple specialty subconsultants. Estimatica, Inc., serves clients nationwide as well as Mexico and the Caribbean. In addition to cost estimating, he also teaches estimating courses nationwide to general contractors and design professionals. A native of Texas, he now resides with his wife and kids in Woodstock. Connecticut.

Webinar Information

Log into Webinar Break

8:00 - 8:30 am CDT 12:00 - 1:00 pm CDT Morning Session Afternoon Session

8:30 am - 12:00 pm CDT

Tuition

\$289 for individual registration

\$199 for three or more registrants from the same company at the same time.

1:00 - 4:30 pm CDT

Included with your registration: PDF seminar manual.

How to Register

- · Visit us online at www.halfmoonseminars.org
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- Call customer service at 715-835-5900

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Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

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Additional Learning

Engineered Lumber Design and Construction

- Wed, Mar 17, 2021 | 8:30 am - 5:00 pm CDT

Introduction to Green Infrastructure Composite Steel, Concrete and

- Thurs, Mar 18, 2021 | 11:00 am 2:30 pm CDT Fri, Mar 26, 2021 | 9:00 am 4:25 pm CDT

Drones in Construction

- Mon, Mar 22, 2021 | 10:00 am - 4:50 pm CDT in Construction Contracting

Preventing and Addressing Construction Defects and Failures

- Tues, Mar 23, 2021 | 11:00 am 2:15 pm CDT Act Accessibility Requirements
- Wed, Mar 24, 2021 | 11:00 am 3:15 pm CDT

Passive House: Planning and Design

- Tues, Mar 23, 2021 | 8:30 am - 4:30 pm CDT

Stormwater Best Management Practices

Designing for Climate Resilience

- Thurs, Mar 25, 2021 | 11:00 am 2:45 pm CDT and other online learning opportunities visit:
- Fri, Mar 26, 2021 | 11:00 am 2:45 pm CDT

Slope Stabilization and Landslide Prevention

- Fri, Mar 26, 2021 | 8:30 am - 3:30 pm CDT

Handling Ethical Issues

- Fri, Mar 26, 2021 | 10:00 - 11:00 am CDT

Complying with Fair Housing

- Tues, Mar 30, 2021 | 8:30 am - 4:45 pm CDT

HEC-RAS Unsteady/2D Modeling

- Tues, Mar 30, 2021 | 8:30 am - 5:00 pm CDT

Special Inspections under the **International Building Code Chapter 17**

- Thurs, Mar 25, 2021 | 8:30 am - 5:00 pm CDT - Tues, Mar 30, 2021 | 9:00 am - 4:00 pm CDT

For more information

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Continuing Education Credit Information

This webinar offers 6.5 PDHs to professional engineers licensed in all states and 6.5 continuing education hours to architects licensed in all states that accept non-HSW continuing education hours...

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700, North Carolina (S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.5 LU|Elective (Sponsor No. 1885). Only full participation is reportable to the

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

Completion certificates will be awarded to participants who complete this event, respond to all prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Registration

Construction Cost Estimating

Live, Interactive Webinar - Wednesday, April 28, 2021 How to Register **Registrant Information** Name: Online: Company/Firm: __ www.halfmoonseminars.org Address: City:__ __State: _____ Phone: Occupation: _ 715-835-5900 Email: Phone: Code: Fax: **Additional Registrants:** 715-835-6066 Name: Occupation: _ Mail: Email: HalfMoon Education Inc., Phone: PO Box 278, Altoona, WI Name: 54720-0278 Occupation: Complete the entire form. Email: Attach duplicates if necessary. Phone:

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 I am not attending. Please send me the webinar recording: Streamable MP4 Video/PDF Manual for \$299.00. USB Video/PDF Manual for \$299.00. 		
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