

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 system

Using Construction Estimating Software

- Review of industry-standard software

Construction Cost Estimating
Warwick, RI - Thursday, September 27, 2018

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Learning Objectives

You'll be able to:

Analyze the methodologies for creating design estimates, bid estimates and control estimates.

Examine estimating resources, including the estimating team, data resources, and CSI MasterFormat.

Estimate labor costs, construction equipment costs, overhead costs, and profit.

Calculate costs of earthwork, pavements, concrete, steel, roofing, interiors, plumbing, and electrical systems.

Review industry standard estimating software.



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

Estimate labor, construction equipment, overhead, and profit

Review construction estimating resources and processes

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

Explore construction estimating software

Continuing Education Credits

Architects

- 6.5 HSW CEHs
- 6.5 AIA HSW Learning Units

Professional Engineers

- 6.5 PDHs*

*Continuing education not mandatory in RI

Contractors

- Non-Credit Continuing Ed.



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Faculty

Joshua Huck *Owner at Precision Estimating 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 Precision Estimating 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 recreation 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 sub-consultants. Precision Estimating serves clients nationwide as well as in 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.

Seminar Information

Hilton Garen Inn Providence Airport/Warwick
1 Thurber Street
Warwick, RI 02886
(401) 734-9600

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

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

Each registration includes a complementary 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.

Additional Learning

Webinar Series

- Community Solar and Rooftop Solar**
 - **Community Solar**
Wed., Sept. 5, 2018, 11:00 AM - 2:15 PM CDT
 - **Design Your Solar Roof**
Thurs., Sept. 6, 2018, 11:00 AM - 2:15 PM CDT
- Seismic Design and Construction**
 - **Seismology and Building Codes**
Wed., Sept. 12, 2018, 11:00 AM - 3:30 PM CDT
 - **Seismic Design of Building Structures**
Thurs., Sept. 13, 2018, 11:00 AM - 3:30 PM CDT
- Small Wind Energy Systems**
 - **Small Wind Energy System Components**
Thurs., Sept. 20, 2018, 11:00 AM - 1:00 PM CDT
 - **Small Wind Energy Siting and Sizing**
Fri., Sept. 21, 2018, 11:00 AM - 1:00 PM CDT
- International Green Construction Code**
 - **Introduction to the International Green Construction Code (IgCC)**
Thurs., Sept. 20, 2018, 11:00 AM - 12:30 PM CDT
 - **Chapters 4-5: Site Development and Material Use**
Thurs., Sept. 20, 2018, 1:00 - 2:30 PM CDT
 - **Chapters 6-9: Energy, Water, Environmental Quality and Building Commissioning**
Fri., Sept. 21, 2018, 11:00 AM - 12:30 PM CDT
 - **Chapters 10-11: Existing Buildings**
Fri., Sept. 21, 2018, 1:00 - 2:30 PM CDT
- Slope Stabilization and Landslide Prevention**
 - **Analyzing the Stability of Slopes**
Tues., Sept. 25, 2018, 11:00 AM - 2:15 PM CDT
 - **Slope Stabilization Methods**
Thurs., Sept. 27, 2018, 11:00 AM - 2:15 PM CDT

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

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 HSW continuing education hours to architects and 6.5 PDHs to professional engineers in all states with continuing education requirements, except Florida architects. Educators and courses for architects are not subject to preapproval in Rhode Island.

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

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885).

This course offers a continuing education opportunity to construction contractors. It has not been approved by any state contractor licensing entity for mandatory continuing education credit.

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 CD/Manual Package:
An audio recording of this seminar is available for \$289 (including shipping). Allow five 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: _____
Phone: 715-835-5900	Company/Firm: _____
Fax: 715-835-6066	Address: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	City: _____ State: _____ Zip _____
Complete the entire form. Attach duplicates if necessary.	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.

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 CD manual package for **\$289.00**. (S&H included. Please allow five 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: _____