Agenda

Presented by Mel Cowen

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, lumber, roofing, interiors, plumbing, and electrical systems.

Review industry-standard estimating software.

Construction Cost Estimating

Springfield, IL - Thursday, September 20, 2018

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

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

Architects
6.5 Contact/CE Hours
6.5 AIA HSW Learning Units

Contractors
Non-Credit Continuing Ed.
Mel Cowen, CPE

Mr. Cowen started his estimating career in 1979 with a Kansas-based general contracting firm and worked for contractors who self-perform work from Division I through Division III of CSI masterformat.

His positions ranged from a senior estimator to chief estimator to vice president of estimating. Mr. Cowen has successfully estimated projects in 17 states in the US. These estimates ranged from hard bid to full design-build projects. Currently he is an estimator at Cowen Estimating and Construction Services in the Chicago area.

In 2005 Mr. Cowen became a member of the American Society of Professional Estimators (ASPE) and in 2007 successfully completed the requirements to become a certified professional estimator.

Mr. Cowen is serving as National 2nd Vice President and as a member of the Board of Trustees for the ASPE.

## Seminar Information

### President Abraham Lincoln Springfield Doubletree

701 East Adams Street Springfield, IL 62701 (217) 549-8800

### Tuition

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

Each registration includes a 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](http://www.halfmoonseminars.org).

### How to Register

- Visit us online at [www.halfmoonseminars.org](http://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 $99 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.

### Registration

**Construction Cost Estimating**

Springfield, IL - Thursday, September 20, 2018

#### How to Register

- **Online:** [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- **Phone:** 715-835-5900
- **Fax:** 715-835-6066
- **Mail:** HalfMoon Education Inc., PO Box 278, Alton, WI 54720-0278

Complete the entire form. Attach duplicates if necessary.

#### 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

Credit Card: Mastercard, Visa, American Express, or Discover

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### Additional Learning

#### Webinar Series

- **The Distributed Battery Webinar Series**
  - The Distributed Battery Webinar, Part I
    - Wed., Aug. 1, 2018, 11:00 AM - 2:15 PM CDT
  - The Distributed Battery Webinar, Part II
    - Thurs., Aug. 2, 2018, 11:00 AM - 2:15 PM CDT

- **Handling Ethical Issues in Professional Engineering Practice**
  - Fri., Aug. 3, 2018, 11:00 AM - 12:00 PM CDT

- **Technical Writing**
  - Technical Writing Basics
    - Thurs., Aug. 9, 2018, 12:00 PM - 2:00 PM CDT
  - Planning Documents
    - Thurs., Aug. 9, 2018, 2:30 - 4:30 PM CDT

- **Writing Documents**
  - Fri., Aug. 10, 2018, 12:00 PM - 2:00 PM CDT
  - Revising and Editing Documents
    - Fri., Aug. 10, 2018, 2:30 - 4:30 PM CDT

#### Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW contact/CES hours to architects in most states, including Illinois. Educators and courses are not subject to preapproval in Illinois.

The American Institute of Architects has approved this event for 6.5 HSW Learning Units (Sponsor No. 1185). Only full attendance can be reported to the AIA/CES.

HalfMoon Education is deemed an approved architect continuing education sponsor in New York. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP00007001), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota.

This webinar also offers a non-credit continuing education opportunity to construction contractors. It has not been submitted to any state contractor licensing board for continuing education approval.

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 $279 (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.