Learning Objectives

**You’ll be able to:**

**Identify** the purposes of and methodologies for different cost estimates such as design, bid and control estimates.

**Utilize** data resources and CSI MasterFormat to create estimates.

**Estimate** construction material and service costs such as excavation, masonry, roofing and finishes.

**Review** procedures for estimating costs related to plumbing, electrical and mechanical systems.

**Use** industry standard software to estimate construction costs.

**Understand** the difference between different types of cost estimates

**Explore** construction estimating resources and processes

**Learn** how to estimate labor, materials, overhead and profit

**Estimate** electrical, mechanical and plumbing costs

**Review** construction cost estimating software and participate in a hands-on cost estimating exercise
Faculty

Daniel Frondorf, CPE, CDT, DG Frondorf and Associates LLC, Cincinnati

Mr. Frondorf owns and operates Cincinnati-based DG Frondorf and Associates LLC, a construction cost estimating consulting firm. He is a member of Consulting Estimators Round Table (CERT), NACE, and the American Society of Professional Estimators (ASPE), and he has 22 years of service as a construction estimator. He has presented several seminars on estimating practices and ethical bidding topics to trade associations and at industry events.

Mr. Frondorf is also a past instructor of construction estimating at the University of Cincinnati and has guest lectured there and at Cincinnati Technical and Community College. He has also written several articles on estimating-related topics in Estimating Today and Design Cost Data magazines.

Here’s what past attendees had to say about the program and presenter Daniel Frondorf:

“Great presenter and excellent topic.” — Civil engineer

“Excellent presenter and knowledgeable.” — Construction manager

“Great instructor, excellent coverage of subject sections with active attendee participation.” — Professional engineer

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Seminar Information

Courtyard by Marriott Downtown

Registration

8:00 - 8:30 am

Lunch (On your own)

11:45 am - 12:45 pm

Morning Session

8:30 - 11:30 am

Afternoon Session

12:45 - 3:45 pm

Tuition

$279 for individual registration

$259 for three or more simultaneous registrations.

Each registration includes a 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.

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$259

$279

$229

$249

$259

$279

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$101

How to Register

• Call customer service at 715-835-5900

• Visit us online at www.halfmoonseminars.org

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states, excluding Florida architects. Educators and courses are not subject to pre-approval in Michigan.

This course has been approved by the American Institute of Architects for 6.5 HSW Learning Units (Provider No. 11885). Only full attendance can be reported to the AIA.

HalfMoon Education is deemed an approved continuing education sponsor for New York State professional engineers. This course is available for 6.5 HSW credits (Provider No. 46.000057-H). This course offers contractors a non-credit continuing education opportunity; it has not been pre-approved in Michigan, Florida, Indiana, Louisiana, Maryland, New York (Approval No. 24GP00000700), New York (WNYSD Sponsor No. 35), North Carolina, and North Dakota.

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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.

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Additional Learning

Webinar Series

Special Inspections

• Overview of Special Inspections

Wed., April 11, 2018, 11:00 AM - 12:30 PM CDT

• Steel, Wood and Cold-Formed Steel

Wed., April 11, 2018, 1:00 - 2:30 PM CDT

• Concrete, Masonry and Soils

Thurs., April 12, 2018, 11:00 AM - 1:00 PM CDT

• Fire-Resistant Materials and Material Standards

Thurs., April 12, 2018, 1:30 PM - 2:30 PM CDT

Shallow Foundations

• Evaluating Building Sites

Thurs., April 19, 2018, 11:00 AM - 12:30 PM CDT

• Shallow Foundation Design

Thurs., April 19, 2018, 1:00 - 2:30 PM CDT

• Special Considerations in Foundation Design and Construction

Fri., April 20, 2018, 11:00 AM - 12:30 PM CDT

• Soil Improvement and Foundation Diagnosis and Repair

Friday, April 20, 2018, 1:00 - 2:30 PM CDT

Complying with Fire and Building Codes

• Introduction to Fire Protection and Life Safety Design

Thurs., May 3, 2018, 11:00 AM - 12:30 PM CDT

• Occupancy Classifications

Thurs., May 3, 2018, 100 - 2:30 PM CDT

• Means of Egress

Fri., May 4, 2018, 11:00 AM - 1:00 PM CDT

• Fire Protection Features and Occupancy Exercises

Fri., May 4, 2018, 1:30 PM - 5:30 PM CDT

Pavement Design

• Principles of Pavement Design

Thurs., May 10, 2018, 11:00 AM - 12:30 PM CDT

• Flexible Pavement Design

Thurs., May 10, 2018, 1:00 - 2:30 PM CDT

• Rigid Pavement Design

Fri., May 11, 2018, 11:00 AM - 12:30 PM CDT

• Pavement Drainage and Maintenance

Fri., May 11, 2018, 1:00 PM - 2:30 PM CDT

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