

Agenda

Overview of Project Delivery Systems, Phases and Documentation

- Project delivery systems
- Project phases
- Managing the design effort
- Project documentation
- Project impacts

Overview of Contracting and Bidding

- Basic contract principles
- Contract formation
- Bid document review
- Key contract provisions
- Dispute resolution

Estimating Principles

- Mechanics of estimating
- Design phase estimates
- The estimating role in the development of bid documents
- Using estimating to control costs
- Risk assessment and its role in developing project contingency

Scheduling – Start to Finish

- Preconstruction scheduling
- Baseline schedule preparation
- Schedule monitoring and updating
- Evaluating project impacts

Construction Phase

- Managing equipment and materials
- Managing labor and safety
- Change orders and constructive changes
- Handling delays and disputes
- Schedule of values, pay applications

Project Closeout and Turnover

- System testing and commissioning
- Final inspection
- Guarantees and warranties
- Turnover of drawings, technical information and user manuals

Handling Ethical Issues in Construction Management

- Health and safety concerns
- Quality control and assurance
- Bidding, billing, payment and claims issues

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Managing Construction Projects

Live, Interactive Webinar - Tuesday, July 2, 2024

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



Learning Objectives

You'll be able to:

Discuss the management of project phases, the design process and project documentation.

Review basic contract principles and key contract provisions.

Explore estimating principles, and use estimating to control costs.

Get tips on schedule preparation, monitoring and updating.

Manage equipment, materials, labor and safety.

Discuss system testing, commissioning and final inspection.



HalfMoon Education Inc.,
Your LIVE Education Leader Presents

Managing Construction Projects

Live, Interactive Webinar - Tuesday, July 2, 2024



Examine project delivery systems, phases and documentation

Study basic contract principles and review bid documents

Explore estimating principles and estimating to control costs

Discuss scheduling from start to finish

Learn about managing equipment, materials, labor and safety

Continuing Education Credits

Professional Engineers

7.0 PDHs,
Including 1.0 Ethics Hour

Architects

7.0 HSW CE Hours
7.0 AIA LU|HSW

International Code Council

0.7 CEUs (Administration)

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Webinar Information

Online - Tuesday, July 2, 2024

Log into Webinar 8:30 - 9:00 am CDT	Break 12:30 - 1:00 pm CDT
Morning Session 9:00 am - 12:30 pm CDT	Afternoon Session 1:00 - 5:00 pm CDT

Tuition
\$339 for individual registration.
\$309 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

How to Register

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Faculty

Mohamed E. Hassan
Hassan Consulting Group, LLC
Dr. Hassan's extensive educational portfolio includes a Ph.D. degree in Civil, Environmental, and Infrastructure from George Mason University, a master's degree in Civil Engineering from the City College of New York, and a bachelor's degree in Civil Engineering from Cairo University. This robust academic background is the cornerstone of the construction solutions offered by the Hassan Consulting Group. Dr. Hassan is a licensed professional engineer (P.E.) in the states of Virginia and Texas and a licensed contractor in Virginia and Washington, DC. His diverse qualifications further encompass certification by the Supreme Court of Virginia as a Mediator and admission into the Virginia and Washington DC Court Systems. Complementing his industry experience is a decade-long teaching tenure at prestigious institutions like George Mason University, DeVry University, and Northern Virginia Community College. These roles have aided in refining his analytical skills and enhancing his industry knowledge. As a construction expert witness with 15 years of experience, Dr. Hassan has provided valuable insights into disputes involving owners, general contractors, subcontractors, and suppliers. His proficiency in project cost analysis, quality control, time management, and overall construction solutions is unparalleled. A certified mediator, Dr. Hassan has facilitated the resolution of numerous conflicts over a 15-year period. His expertise in the field of construction solutions is invaluable, especially when we consider how difficult it can be to navigate the complex dynamics of the construction industry.

Additional Learning

- Geothermal Heating and Cooling: Technology and Applications**
- Monday, June 3, 2024 | 8:30 am - 4:30 pm CDT
- Understanding the NSPE Engineering Code of Ethics**
- Monday, June 3, 2024 | 11:00 am - 12:00 pm CDT
- Residential Wall Bracing and Alternatives**
- Wednesday, June 5, 2024 | 9:00 am - 4:00 pm CDT
- Evaluating Eco-Friendly Insulation Options**
- Thursday, June 6, 2024 | 10:00 am - 12:00 pm CDT
- Residential Site Design**
- Thursday, June 6, 2024 | 8:30 am - 4:00 pm CDT
- Obtaining Phase 1 and Phase 2 Environmental Site Assessments**
- Monday, June 10, 2024 | 9:00 - 11:00 am CDT
- Managing Heavy Civil Construction Projects**
- Tuesday, June 11, 2024 | 9:00 am - 5:00 pm CDT

Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs, including 1.0 ethics hour, for professional engineers and 7.0 HSW continuing education hours for licensed architects in all states that allow this learning method. 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). 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 7.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 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:
7.0 HSW LUs (AIA)

- Soils in Construction**
- Tuesday, June 11, 2024 | 8:30 am - 5:00 pm CDT
- Residential and Small Commercial Timber Frame Design and Construction**
- Tuesday, June 11, 2024 | 9:00 am - 4:30 pm CDT
- Scaffold Design and Use in Construction**
- Friday, June 14, 2024 | 9:00 am - 12:15 pm CDT
- Trenching and Excavation Safety in Construction**
- Friday, June 14, 2024 | 1:00 - 4:15 pm CDT
- Benchmarking and Building Performance Standards: Addressing Climate Change and Equity in the Built Environment**
- Monday, June 17, 2024 | 9:00 am - 4:00 pm CDT

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