Understanding the Construction Process: From Inception to Completion

Build a Strong Foundation for Your Team

March 1, 8, 15, 22, 29, April 5, 12, 19 & 26, 2018
at ABC’s Keystone Center for Construction Careers
8:00 am – 11:00 am each session

Develop an understanding and knowledge of the “big picture” of the entire construction process!

Topics to be Covered:
(Register for the entire series or individual sessions):

1. March 1, 2018 ------------------------------- The Construction Process
2. March 8, 2018 --------------------------------- Development
4. March 22, 2018 ------------------------------- Preconstruction & Estimating
5. March 29, 2018 ------------------------------- Virtual Design & Construction Technology
6. April 5, 2018 --------------------------------- Construction Risk Management
7. April 12, 2018 -------------------------------- Construction Agreements & Payments
8. April 19, 2018 -------------------------------- Project Planning & Execution
9. April 26, 2018 -------------------------------- Project Compliance & Outside Organizations

Seminar Description:

Construction is a complicated process from starting with the decision to develop the site down through the final closeout on a building. It typically includes complex tasks that change dramatically from project to project and requires knowledge of the construction process.

This nine-session premier course is taught by leading industry professionals, and it is a “must experience” for administrators, estimators, project engineers, support staff, accountants and attorneys.

Sign up for the entire series at a discount or “opt in” to individual sessions.

Benefits of Attending:

- Understand the make-up of the construction industry and network of key players involved from inception to completion of a project.
- Learn what important documents are involved in the process and what role they play.
- Understand how construction and design are governed by building regulations and codes.
- Learn the various ways a project can be completed and their advantages and disadvantages.
- Gain insight into how local government plays a role in zoning and permitting of construction projects.
- Learn the key decision factors and whether or not to move forward and develop a project.

>>> See session descriptions on page 2
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Who Should Attend:

Administrators, estimators, project engineers, support staff, accountants and attorneys will benefit from this series.

Everyone in your company who needs to understand the construction process to support the success of the project should attend!

Session Descriptions:

1) The Construction Process (March 1, 2018)

Topics Covered:

- Construction Industry Overview
- Construction Documents
- Key Players
- Construction Media
- Building Regulations & Inspections
- Project Delivery Methods
- Project Case Studies/Examples

Instructors: Bob Liberato, Pre-Construction Manager, Wohlsen Construction Company, and Dan Millard, P.E., Level II Estimator, Wohlsen Construction Company

2) Development (March 8, 2018)

Topics Covered (two-part session: Development & Environmental Decisions):

- Developing
- Soft Costs
- Funding Sources
- Return on Investment
- Marketing
- Zoning and Permitting
- Environmental Issues
- Storm Water Pollution Prevention

Instructors: Chris Venarchick & Mark Hackenburg, RGS Associates, Inc. (Development); Guy Sheets, AMO Environmental Decisions (Environmental Decisions).

>>> More sessions on page 3
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3) Construction Design Documents & Technical Specifications
(March 15, 2018)

Topics Covered:
- Design Disciplines
- CSI Masterformat 2004
- Plan Review
- Specification Breakdown and Review
- Tour of ABC

Instructors: Mark Broomell, Providence Engineering Corp. and Dan Fichtner P.E., Providence Engineering Corp

4) Preconstruction & Estimating
(March 22, 2017)

Topics Covered:
- Bid Process
- Bid Ethics
- Estimate Levels
- Quantity Take-Off and Cost Estimating
- Estimating Technology
- Mock Bid

Instructor: Daniel Dennis, CPE, EGS Construction and Shawn Buckwalter, CPE, EGS Construction

5) Virtual Design & Construction Technology
(March 29, 2018)

Topics Covered:
- Drones in Construction
- Laser Scanning
- Model Creation
- BIM Coordination and Clash Detection
- Virtual Reality
- Facility Management
- Field Management Software

Instructor: Mike Hopple, Providence Engineering Corp., Karen Neff, VDS, and Ed McCauley, Wohlsen Construction Company

6) Construction Risk Management
(April 5, 2018)

Topics Covered:
- The Miller Act
- Payment and Performance Bonding
- Builders Risk Insurance
- General Liability Insurance
- Subcontractor Default Insurance

Instructor: Ron Pollock, Saxton & Stump, LLC

7) Construction Agreements & Payments
(April 12, 2018)

Topics Covered:
- Contracts
- Subcontracts
- Purchase Order
- Change Order
- Schedule of Values
- Applications for Payment/Retainage
- Lien Waivers/Stipulation Against Liens
- Construction Common Legal Issues

Instructor: Maria Elliott, Barley Snyder

8) Project Planning & Execution
(April 19, 2018)

Topics Covered:
- Schedule
- Logistics Plan
- Job Costing and Cost Forecasting
- Productivity Tracking
- RFI’s
- Submittals
- Filed Reporting
- Job Meetings

Instructor: Ralph Kautz, Wohlsen Construction Company

>>> More sessions on page 4
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9) Project Compliance & Outside Organizations
(April 26, 2018)

Topics Covered:
- OSHA and Basic Safety
  Kelly Kramer, Rettew Associated, Inc.
- Department of Labor and Industry
  Tom Lloyd, PA Department of Labor
- Federal/State Projects
  Thomas R. Davies, Harmon & Davies, P.C.


“Offered an overview of all the facets of the construction process by people experienced in the field giving me a better understanding of the entire process! I am happy with my experience in this seminar.”
- Angela Temple, James Craft & Son, Inc.

“Great! I am a new project assistant that moved from accounts payable, so for me it was very informative and a great introduction to the entire process”
- Crystal Everly, Wohlsen Construction Company

“This is a great course for those who service the construction industry and those who are new to the industry”
- Tim Ziegler, McConkey Insurance & Benefits

>>> Registration information on page 5
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*Registration Information:*

Register for the entire series for discounted pricing!
Preferred registration dates: February 22, 2018, for the entire series; seven days prior to course for individual sessions

*ABC/BIA Member only – Entire Series: $500 – Save BIG (save $391!) by registering for the entire series!*

*ABC/BIA Member only – Per Session: $99*

Price includes course materials, continental breakfast, and certificate of completion.

Firm Name: __________________________________ Phone: __________________________
Authorized By/Job Title: __________________________________ Email: __________________________

Participant Name: __________________________________ email: __________________________________
Title: __________________________________

☑ Full Series

☑ Individual Session(s) (circle session #)  1  2  3  4  5  6  7  8

Participant Name: __________________________________ email: __________________________________
Title: __________________________________

☑ Full Series

☑ Individual Session(s) (circle session #)  1  2  3  4  5  6  7  8

TOTAL PARTICIPANTS: _______ TOTAL COST: _______ ☐ Check enclosed ☐ Invoice ☐ CORE – Invoice balance

☐ VISA / AMEX / MC Card #: __________________________ Print Name: __________________________
3/4 digit code: _______ Exp. Date:__________ Billing Address Zip Code:__________ EIN: 23-1618254

Call Angela at 717.653.8106 / FX: 717.653.6431 / Email: angela@abckeystone.org / Register at www.abckeystone.org

Education expenses may be deductible by members as an ordinary and necessary business expense. Consult your accountant for more information.