

Agenda

Presented by Dr. John V. Dawson, PhD, AIA, AICP, LEED AP

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 - Thursday, May 19, 2022

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Learning Objectives

You'll be able to:

Explore project delivery systems and project phases.

Discuss contract principles, identify key contract provisions, and learn what the prerequisites are for forming a contract.

Review bidding documents and comply with bid practices.

Discuss the role of estimating in the development of bid documents and the control of project costs.

Develop project schedules, and handle delays and disputes.

Manage labor, equipment and materials throughout the construction phase.

Address quality control and assurance, and participate in system testing and commissioning.



HalfMoon Education Live Webinars

Managing Construction Projects

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Examine project delivery systems, phases and documentation

Study basic contract principles and bidding practices

Explore estimating principles and using estimating to control costs

Discuss scheduling from start to finish

Learn about managing equipment, materials, labor and safety

Examine project closeout and turnover

Discuss ethical issues in construction management

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including 1.0 ethics hour

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Faculty

Dr. John V. Dawson, PhD, AIA, AICP, LEED AP is a subject matter expert on planning, programming, design, construction and contract management related to large public and private organizations and institutions nationwide. He recently retired as the Associate Vice President for Administrative Operations at Texas A&M University - Corpus Christi where he oversaw facility operations, maintenance, grounds, custodial, and planning and construction as well as Environmental Health and Safety (EHS) for the “Island” campus. His experience spans federal, state, county and local municipality projects including the Federal Aviation Administration (FAA), General Services Administration (GSA), Department of Justice (DOJ), Immigration and Customs Enforcement (ICE), and Department of Defense (DoD) including the Naval Construction Battalion's at Gulfport and Port Hueneme; Seabees; Navy Civil Engineer Corp; Army Corps of Engineers; Air Force Civil Engineers and RED HORSE units, in addition to higher education with the Texas A&M University System (TAMUS) University of North Texas System (UNTS) and Tarrant County College District (TCCD). Dr. Dawson has more than 38 years' experience in urban planning, developmental programming, building and infrastructure design, construction and program management for a wide variety of capital investment programs and unique environments. He is a retired Air Force Civil Engineering officer with experience in the design and construction of numerous facilities supporting major weapon systems and the U.S. electronic security and space programs world-wide. Dr. Dawson is a registered architect in the State of Texas and a certified city planner. He is also a U. S. Green Building Institute Leadership in Energy and Environmental Design (LEED) Accredited Professional (AP) with experience in numerous sustainable projects. He has specialized mediation and disputes resolution training and experience directly related to the design and construction industry, successfully resolving construction claims based on errors and omissions, defective product or workmanships, scheduling deviations or Acts-of-God. Additional skills include preparation of specifications, bidding and construction plans, cost estimates, and bidding services related to federal and state contract requirements and processes.

Webinar Information

Log into Webinar	Break
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- Thurs, April 21, 2022 | 9:00 am - 4:30 pm CDT

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- Tues, April 26, 2022 | 8:30 am - 1:00 pm CDT
- Wed, April 27, 2022 | 8:30 am - 1:30 pm CDT

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IBC Significant Changes: Administration and Building Planning
- Fri, April 29, 2022 | 11:00 am - 3:30 pm CDT

Construction Cost Estimating and Value Engineering
- Fri, April 29, 2022 | 8:30 am - 3:20 pm CDT

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