

# Agenda

Presented by Thomas J. Skibinski, PE

## Elements of Project Management

- The engineering project evolution process
- The project management process
- Project manager's skills and responsibilities
- Importance of communication/communication skills
- Project team development and effectiveness

## Project Procurement and Proposal Development

- Project procurement
- Identification and selection of engineering projects
- Proposal development
- Scope of engineering services
- Fee strategies

## Project Management

- Project delivery systems
- Scope management
- Work breakdown structure (WBS)
- Budgeting/cost management
- Scheduling/time management
- Resource management
- Quality management
- Risk management
- Construction safety – safety by design

## Project Commissioning, Start-up and Closure

- Receive/install owner provided equipment, material, etc.
- On-site system testing
- Training
- Project closure and evaluation
- Transfer of drawings, computer model, technical data, O&M manuals
- Questions

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## Project Management for Engineers

Live, Interactive Webinar - Wednesday, July 28, 2021



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## Learning Objectives

### You'll be able to:

- Discuss** the project management process
- Identify** project manager skills and responsibilities.
- Examine** project delivery systems.
- Explore** budgeting and cost management.
- Discuss** resource management.
- Learn** about work breakdown structure and scheduling.
- Participate** in on-site system testing, training, and project closure.



HalfMoon Education Online Learning

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**Understand** the project management process and identify important project manager skills and responsibilities

**Explore** project delivery systems and manage project scope

**Discuss** work breakdown structure, budgeting and time management

**Manage** risk and promote safety

**Manage** project commissioning, start-up and closure

### Continuing Education Credits

**Professional Engineers**  
6.5 PDHs



# Faculty

## Thomas J. Skibinski, PE *Principal, Skibinski Associates*

Mr. Skibinski is President/CEO of Skibinski Associates, a consulting engineering firm located in State College, Pennsylvania. He possesses more than 35 years of experience in the consulting engineering and A/E professions. His broad background includes project management, design and construction administration of private and public-sector projects. These projects include land development (residential/commercial/industrial/institutional), master planning, roadway and bridge design, transportation planning, utility infrastructure, stormwater management, buildings and engineered systems, LEED/sustainable design, and wastewater treatment and collection. His expertise is well suited towards complex/multi-faceted projects with critical time frames. He possesses extensive experience with contract documents, contract administration, regulatory agencies, approval acquisition, project financing/budgeting and fund procurement.

Mr. Skibinski is a member of the American Arbitration Association and is listed on their Roster of Neutrals as a construction arbitrator for construction and design disputes.

Mr. Skibinski is also on the faculty of Penn State's Department of Civil & Environmental Engineering at University Park. He teaches undergraduate courses in construction management, construction engineering, project delivery systems, professional practice, ethics, engineering economy, and a graduate course in civil engineering project management.

Mr. Skibinski is a licensed professional engineer in Pennsylvania and New Jersey, and a professional planner in New Jersey. He holds a BS degree in Civil Engineering from Penn State and an MBA from the University of Scranton. He is a member of the American Arbitration Association (AAA), the American Society of Civil Engineers (ASCE), the National Society of Professional Engineers (NSPE), the Pennsylvania Society of Professional Engineers (PSPE) and the American Society of Engineering Educators (ASEE).

# Webinar Information

Log into Webinar 8:00 - 8:30 am CDT	Break 11:45 am - 12:45 pm CDT
Morning Session 8:30 - 11:45 am CDT	Afternoon Session 12:45 - 4:30 pm CDT

## Tuition

**\$289** for individual registration  
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**Cancellations:** Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

## Continuing Education Credit Information

This webinar offers 6.5 PDHs to professional engineers licensed in all states except New York.

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# Additional Learning

## Stormwater Best Management Practices

- Thurs, July 1, 2021 | 8:30 am - 5:00 pm CDT

## Shallow Foundation Design, Construction and Repair

- Tues, July 6, 2021 | 8:30 am - 5:00 pm CDT

## Estimating Plumbing and HVAC Costs

- Fri, July 9, 2021 | 8:30 am - 4:30 pm CDT

## Retaining Wall Design and Slope Stabilization Techniques

- Tues, July 13, 2021 | 11:00 am - 2:15 pm CDT

- Wed, July 14, 2021 | 11:00 am - 2:15 pm CDT

## Street Maintenance and Traffic Operations

- Thurs, July 15, 2021 | 11:00 am - 2:30 pm CDT

- Fri, July 16, 2021 | 11:00 am - 2:30 pm CDT

## Managing Construction with AIA Document A201: General Conditions

- Tues, July 20, 2021 | 8:30 am - 4:00 pm CDT

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# Registration

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