

Agenda

Presented by Mike Simard, PE, PMP, CEP

Introduction to Project Management

Foundation of project management
Project management process

Project Initiation

Project charter Stakeholders

Project Planning

Project scope development
Project schedule
Project budget
Project communication plan
Project risk assessment
Project proposal

Project Execution

Procurement Safety
Quality control Commissioning and testing

Project Monitoring and Controlling

Scope creep
Project performance metrics
Schedule tracking and forecasting

- Crashing
- Fast tracking

Cost tracking and forecasts
Status reporting

Project Closure

Project acceptance and turnover
Project close-out
Lessons learned

The Project Manager

Project manager skillset
Project Team development

Can't Attend?

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Project Management Fundamentals for Engineers

Live, Interactive Webinar - Tues., January 26, 2021



HalfMoon Education Inc.
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Learning Objectives

You'll be able to:

Explore the project management process, from project initiation through closure.

Review the project manager skillset and assemble project teams.

Discuss important steps in the planning process, from scope development to schedule creation and budgeting.

Discuss important considerations that affect project execution, including quality control, commissioning and testing.

Learn techniques for monitoring and controlling scope creep, and for staying on schedule.

Bring projects to successful closure, and take stock of lessons learned.



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Project Management Fundamentals for Engineers

Live, Interactive Webinar - Tuesday, January 26, 2021



Explore the project management process, from project initiation through closure

Review the skillset of the successful project manager

Manage the planning phase, from scope development to scheduling and budgeting

Discuss the importance of maintaining safety and controlling quality during the execution phase

Control scope creep, and get tips on schedule tracking and forecasting

Bring projects to successful closure and review lessons learned

Continuing Education Credits

Professional Engineers

6.0 PDHs



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Faculty

Mike Simard, PE, PMP, CEP
Mr. Simard is an engineering leader with over 30 years’ experience in start-ups to Fortune 100 companies. Mr. Simard possesses both bachelor’s and master’s degrees in Mechanical Engineering, as well as an MBA degree. He is a licensed Professional Engineer (PE), a certified project manager professional (PMP) and certified estimating professional (CEP).

Mr. Simard has held senior positions in engineering design, project management and operations in the power generation, biomass conversion and building material industries. He has led a variety of projects including the development of new processes and equipment, the design and build of pilot and demonstration facilities, and the construction and start-up of large manufacturing facilities. He has worked internationally in Europe and China. He is a published author, conference speaker and inventor with multiple patents.

Mr. Simard is currently principal at PACED Engineering Inc, as well as an associate professor of the Practice at Villanova University.

Webinar Information

Log into Webinar 8:00 - 8:30 am CST	Break 12:00 - 1:00 pm CST
Morning Session 8:30 am - 12:00 pm CST	Afternoon Session 1:00 - 4:00 pm CST

Tuition
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Additional Learning

Deep Dive Webinar Series
Eight short webinars that each take a look at a single subject in January 2021

Deep Dive into Designing Accessible Parking
- Friday, January 8, 2021 | 11:00 am - 1:00 pm CST

Deep Dive: Comparing Standardized Construction Document Systems
- Tuesday, January 12, 2021 | 11:00 am - 1:00 pm CST

Landscaping for Pollinators
- Wednesday, January 13, 2021 | 10:00 am - 12:00 pm CST

Deep Dive into Branch Circuit Requirements 2020 NEC
- Wednesday, January 20, 2021 | 10:00 am - 2:00 pm CST

Water in the West
- Thursday, January 21, 2021 | 1:00 - 3:00 pm CST

Clean Water Act Jurisdiction: The *Maui* Decision and Beyond
- Thursday, January 21, 2021 | 11:00 am - 12:30 pm CST

Deep Dive into Unsteady and 2D HEC-RAS Modeling
- Tuesday, January 26, 2021 | 11:00 am - 12:30 pm CST

Deep Dive into Project Documents and Contract Disputes
- Friday, January 29, 2021 | 1:00 - 3:00 pm CST

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Registration

Project Management Fundamentals for Engineers
Live, Interactive Webinar - Tuesday, January 26, 2021

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