



AGC of America and the San Antonio Chapter Present:

The Project Manager Development Program

Program Overview

The objective of the PMDP is to increase the efficiency and effectiveness of construction project managers by providing instruction on the art and science of project management.

Participation will better prepare professionals to make the transition from entry-level positions to positions of increasing responsibility as a project manager by providing them with the necessary knowledge and skills to enhance their ability to work successfully with others to ensure project success.

Who Should Attend?

The PMDP is designed for early-career project managers and those that aspire to be in such a role. Attendees should be individuals who are familiar with construction at a project level; people who may or may not have post-high-school education in a construction-related field; individuals with undergraduate degrees in a construction-related field with little or no project experience.

MODULES & SESSION TITLES

Module 2: Contract Administration

September 17-18, 2009

- Introduction to Law & Project Contracting
- Contract Basics
- Negotiating Fair Contracts
- Contract Documents
- Payment Terms
- Legal Issues
- Contracting With Others for Required Work
- Contract Termination

Module 3: Project Administration

November 12-13, 2009

- Introduction to Project Safety
- Project Planning, Staffing & Partnering
- Planning for Environmental & Sustainability Concerns
- Project Scheduling
- Codes & Permits
- Material Handling
- Documentation & Visualization
- Project Closeout

MODULE LEARNING OBJECTIVES

Module 2: Contract Administration

- Recognize how basic contracts are structured and why documentation relates to effective contracting
- Recognize important construction law and contract language, and their relationship to project risk
- Differentiate between agent and independent contracts, torts and contractual liability cases, and criminal and civil proceedings
- Learn how different project delivery methods use different contracting strategies
- Acquire knowledge of the process for contract amendments, changes, extensions, and final terms
- Distinguish between partial and material breaches and understanding the significance of termination, bankruptcy, and breach of contract claims

Module 3: Project Administration

- Recognize the different areas of planning and how using them at different stages effects the success of a project
- Identify how environmental issues, Lean construction and Building Information Modeling (BIM) impact the industry
- Define of how building codes, permits, reviews, and inspections impact the project
- Learn the importance of scheduling, including purchasing long-lead items
- Identify the basics of the Uniform Commercial Code and material handling risks
- Learn the importance of document control, including submittals, RFIs, and shop drawings
- Understand the importance of project closeout and warranty management

MODULES & SESSION TITLES

Module 4: Risk Management

January 21-22, 2010

- Introduction to Risk
- Insurance, Sureties & Bonding
- Warranties & Liability Periods
- Documentation & Managing Risk
- Risk Management Issues
- Conduct of Employees
- Project Risks
- Risk Allocation

Module 5: Leadership

April 8-9, 2010

- Introduction to Leadership
- Professional Issues
- Working in Teams
- Managing Conflict
- Managing Your Career
- Customer Satisfaction
- Leadership Skills
- Personal Development

MODULE LEARNING OBJECTIVES

Module 4: Risk Management

- Define how risk changes over phases of a project
- Identify the types and sources of risk
- Explore techniques for managing risk
- Identify how the scope and nature of risk management varies with the project delivery method
- Learn about warranty periods and liability tails
- Explore the basics of insurance, sureties and bonding
- Recognize the importance of documentation in controlling risk
- Recognize how quality control/quality assurance plans help mitigate performance risk
- Identify how risk and profit are related

Module 5: Leadership

- Identify the difference between leading and managing
- Recognize the importance of communication in effective leadership
- Develop techniques for motivating others and negotiating solutions to conflicts
- Broaden awareness of ethical standards and professional responsibilities
- Recognize the importance of teamwork
- Understand the basics of leadership tasks
- Review the role of the human resource function
- Explore coaching and mentoring opportunities
- Recognize how to effectively manage change
- Learn how to achieve a healthy balance between work and family

Completion

Participants are expected to arrive on time, attend the program from start to finish, complete the post-program evaluation. Successful completion is also determined based on contribution to in-class discussions and activities.

Program Instructor

Mark O. Federle, PE, PhD, CPC is currently the McShane Chair in Construction Engineering and Management at Marquette University. He has responsibility of starting what will become the 13th ABET - Accredited Construction Engineering program in the country. Previously he was Chief Information Officer for The Weitz Company in Des Moines for nine years. Prior to joining The Weitz Company, Federle was the Professor-in-Charge of Construction Engineering program at Iowa State University, where he taught for nine years. In 1998, Mark was recognized by the ISU engineering student council as the outstanding Construction Engineering Faculty Member. In 1999, he was honored as the Outstanding Engineering Advisor. Mark's career began in the construction industry working as a foreman, superintendent, and project manager for general contractors in Indiana and Michigan. Mark earned his PhD and Masters in Construction Engineering and Management from the University of Michigan. Mark is a licensed Professional Engineer and a Certified Professional Constructor.

Contact Information

Onsite: Doug McMurry, executive vice president at the San Antonio Chapter at (210) 349-4921 or mcmurry@sanantonioagc.org.

Content: Course content, logistics and scheduling, contact Stephanie Mullins, program coordinator for curriculum and program development at AGC of America at (703) 837-5387 or mullinss@agc.org.

Registration: If you have any questions with the payment or registration process, contact AGC of America's Meetings Department at (703) 837-5304 or meetings@agc.org.