

Predictive Project Management: When Agile Just Won't Work!

Scope and Schedule Control in Traditional Environments

Think about your project environment. Do you have the opportunity to deliver your product or service in multiple deliveries or do you have one delivery at the end? Do you understand your requirements and are they stable? Do you have a solid handle on the technology that your project team will employ? There are a number of industries and professions that fall into this category. Your requirements are stable. You know what your team has to do, and your team knows how to do the work. However, the fact that you understand your requirements and technology doesn't necessarily make it any easier or less complex.

The building and construction industry is but one example of a project environment that is well understood and often has stable requirements and yet project success remains elusive. Managing construction projects in a dynamic environment that is impacted by every conceivable obstacle – weather, politics, supply chain issues, union contracts, etc. – is not by any means easy. The good news is that we've got process for you!

Learning Objectives

Attendees will:

1. Gain an understanding of traditional project environments that are best served by predictive project management (waterfall) techniques.
2. Learn to manage and control scope through process and collaboration
3. Use traditional and advanced techniques to solve modern day complex project problems

Course Outline

- The Traditional Environment
 - Definitions and terminology
 - The nature of the deliverables
 - The nature of the environment
- The Construction and Building Industry
 - Design-Build vs. Design-Bid-Build
 - Integrated project teams
 - Contract types
- Scope Management
 - Work Breakdown Structure (WBS)
 - Change control
 - Requirements traceability (validation and verification)
- Schedule Management
 - Not your grandparent's waterfall (Critical Path Method)
 - Estimation and contingency planning
 - Accurate status reporting using Earned Value Management
- Gen AI and Other Tools
 - GPT's
 - PMIS (Project Management Information System)
 - Project software
- Happiness at Work
 - Conflict resolution
 - Achieving consensus
 - Take a breath!

PDUs: 9 total PDUs Business Acumen – 4; Ways of Working – 3; Power Skills – 2