



Successful Project Management - Tools and Techniques

Course overview

In this course, you will learn the fundamentals and best practices of project management through hands-on, real-world exercises. Ensure that you are delivering business value by assessing a project's business case, identifying stakeholders and their relationship to your project, capturing product requirements, and establishing quality metrics to guide the development of your product and reassess the business case. Define product scope to provide clarity for project delivery and create a work breakdown structure to define project scope for the team. Manage your project within the planned budget and schedule by managing change and identifying and managing risks, assumptions, and constraints. Track the delivery of business value and close projects out cleanly.

By the end of this course, you should have gained a good understanding and experience of the core competencies that make a successful project manager.

Course Objectives

WHAT YOU'LL LEARN

- Articulate the relevance of core project management competences.
- Identify key project goals and assumptions and set the stage for value delivery.
- Understand how to identify stakeholders and assess how to engage with them during the project.
- Meet stakeholder informational needs by creating an actionable communication plan.
- Articulate product scope as part of the charter.
- Become familiar with the process of eliciting and capturing requirements.
- Create the WBS and dictionary that would deliver the scope in the project charter.
- Perform a more detailed and systematic assessment of risk.
- Articulate guiding quality characteristics for the project.
- Sequence activities, create schedule, and estimate the cost of the project.
- Manage change in projects.
- Track value delivery in projects.
- Understand the basics of a project retrospective.



Course Outline

- Match competence to scenario
- Evaluate a project business case
- Identify and assess stakeholders
- Stakeholders
- Resource management
- Teams
- Develop a communication plan
- Define product scope
- Project charter
- Product and project scope
- Decompose product scope into stakeholder requirements
- Requirements
- Create WBS and dictionary
- Work
- Work breakdown structure
- Create risk register
- Risk identification and management
- Establish quality metrics
- Create an initial schedule and budget
- Effort and duration
- Estimating effort
- Level of accuracy in estimates
- Team-based estimation
- Scheduling
- Estimating cost
- Review and disposition a change request
- Change management
- Use metrics to reassess the business case
- Delivering business value
- Close out a project