Managing the Transition from Waterfall to Agile

Course Summary

Description

This course aims at identifying the challenges we face when implementing an Agile approach and plan for a successful transition from waterfall. In this course, we shall review several scenarios that typify the attributes of most projects in an organization as we explore and discuss the challenges to Agile. Learn to overcome these challenges and combine your traditional practices with Agility to develop smart business analysis and project management practices for your organization.

Objectives
At the end of this course, students will be able to:

- Review PMI's new Agile Certified Practitioner (ACP) certificate
- Implement Agile practices that are compatible with the SEI's CMMI®
- Minimize project uncertainty and risk by applying Agile principles
- Learn how to implement core Agile practices within your organization
- Identify problems in your organization that can be addressed by an Agile approach
- Redefine the roles in an Agile project
- Plan, manage and close requirements for projects in reduced time using Agile practices that relate to the Business Analysis Body of Knowledge™(BABOK)
- Ensure your project delivers required functionality and adds the highest value to the business
- Create an environment of self-management for your team that will be able to continuously align the delivered software with desired business needs, easily adapting to changing requirements throughout the process.
- Learn how to apply Agile by measuring and evaluating status based on the undeniable truth of working, testing deliverables, creating a more accurate visibility into the actual progress of projects.

Topics

- Fundamentals of Agility
- Why Agile?
- History & Mindset: Understand how the agile approach arose and the mindset.
- Establishing core hours - How will the team work during a day?
- Planning and Managing Business Analysis Communication and Performance
- Agile and CMMI
- How to build end-to-end systems in early iterations
- Comparing Waterfall and Agile Practices
- Planning the project
- Requirements Elicitation and Analysis
- Managing Scope Creep
- Quality Control and Assurance
- Managing and Controlling a Project 2.6 One shot vs. Incremental Delivery
- Complete transition or combination (hybrid) of both – What shall be your strategy?
- Traction with Agility – Defining and Measuring success
- Overcoming Resistance

Audience

This course is appropriate for Managers, Executives, Project Managers, Business Analysts, Business and IT stakeholders working with analysts, Quality and process engineers, technicians, managers; supervisors, team leaders, and process operators.

Prerequisites

There are no prerequisites for this course.

Duration

Two days

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