

Agile Project Delivery: An Introduction using SCRUM (2-days)

This course provides attendees with an introduction of Agile project delivery within the SCRUM framework.

An Agile approach centres on delivering outputs iteratively and rapidly. With increased customer interaction this approach provides greater flexibility and the ability to adapt and respond quickly to changes in the environment or requirements in projects where the final output cannot be clearly defined at the beginning.

This course delivers a baseline understanding of Agile, and in particular SCRUM, principles and commonality of terminology. It provides an overview of the SCRUM framework and Agile development core techniques and skills.

During this 2-day course, participants will:

- Compare Agile vs traditional project management
 - Charting the progress of project management and software project management approaches, frameworks, and methodologies
 - Plan driven development
 - Iterative development
 - Incremental development
- Consider the fundamental principles of an Agile project
 - The Agile Manifesto
 - Iterative and Incremental
 - Just-in-time planning - embracing change
 - Continuous focus on quality
- Be introduced to the SCRUM framework
 - A brief history - introducing the SCRUM framework
 - SCRUM roles
 - SCRUM events
 - SCRUM artefacts
- Learn about SCRUM planning
 - Sprint 0
 - Estimating development effort and value
 - Defining the build order
 - Planning the Sprint - managing and implementing change
- Be introduced to Risk Management within an Agile project
 - Technical excellence - continuous attention to detail
 - Regression testing - continuous focus on quality
 - Regular feedback – continuous focus on performance and product deliver
- Be introduced managing, tracking and monitoring
 - Velocity
 - Information radiators
 - Forecasting – time, cost, scope

Prerequisites: None