

Agile Fundamentals

Duration
1 Day

Delivery Methods
VILT, Private Group



For many organizations, business success and even survival hinge on embracing an Agile mindset. Continuous delivery of value, an unwaveringly customer-centric perspective, and adaptive change management characterize many of today's best-performing organizations. The Agile Fundamentals course provides a solid foundation for anyone seeking to develop fluency in Agile concepts, terms, and practices. It teaches the values and principles of the Agile Manifesto, as well as the values of key Agile frameworks and methods, including Scrum. This course equips participants with the tools and knowledge to adopt a holistic Agile approach toward achieving organizational goals.

This course has been approved by PMI for 8 PDUs.

Who Should Attend

This course is intended for employees at any level of the organization seeking to integrate the culture, principles, and practices of Agile.

Course Objectives

- Understanding what types of projects are ideal for applying Agile practices
- Crafting a product roadmap that is focused on delivering a consistent value stream that is recognizable to the customer
- How to become more accurate at estimating work and delivering on commitments
- How to manage an evolving product backlog with changing requirements
- How to write better requirements using user stories and acceptance criteria that best represents the voice of the customer
- How to create and interpret ""Information Radiators"" and make timely decisions that impact the success of a project
- How increasing customer interaction and transparency will better ensure that the product being delivered delights the customer
- How to employ Agile practices that improve quality, reduce defects and speed up delivery time

Agenda

1 - AGILE FOUNDATION

- Agile Development Overview
- When is Agile Appropriate?
- Agile Manifesto

2 - AGILE FUNDAMENTALS

- Agile Environment
- Agile Workshops
- Project Charter
- Agile Roadmap
- Product Backlog

3 - AGILE METHODOLOGY

- Agile Methodologies Overview
- Scrum
- Sprint Planning Meeting
- Sprint Backlog
- Daily Scrum Meeting

4 - COMMUNICATIONS

- Team Chartering
- Stages of Team Development
- Agile Tooling
- Information Radiators (Task/Kanban Board, Work in Progress Limits, Sprint Burndown Chart, Release Burnup Chart)

5 - AGILE ESTIMATING

- Relative Sizing
- Story Points
- Affinity Estimating
- Planning Poker
- Consensus Building
- Velocity

6 - AGILE METRICS AND PRODUCT QUALITY

- Managing with Agile Key Performance Indicators (KPIs)
- Test-Driven Development (TDD)
- Unit Testing
- Acceptance Testing

7 - AGILE LEADERSHIP

- Active Listening
- Brainstorming
- Negotiation
- Stakeholder Management
- Coaching and Mentoring

8 - AGILE CONTRACTS AND ACCOUNTING PRINCIPLES

- Contract Types
- Burn Rate