

Agile Project Management Methodologies

Overview

Many organizations are incorporating different project management methodologies into their skill base. This course is designed for individuals who need to get started with agile concepts and practice. Basic planning is covered along with the various roles and responsibilities of customers and developers / practitioners. Learn about epics, stories, sprints, feature prioritization and value-driven delivery. This course may earn a Credly Badge.

Target Audience

Scrum Masters (coaches), Product Owners (customers), and team members.

Course Objectives

Please refer to Overview

Course Outline

1 - Course Introduction

2 - Core Agile Concepts

Origins of Agile Project Management
Traditional Project Management Methodologies
Agile Project Management Methodologies
Generalizations: Agile and Traditional Project Management Comparisons

3 - The Agile Manifesto

Manifesto Contributors
Manifesto Values
Manifesto Principles

4 - Agile Planning and Sprint Overview

- Agile Planning Overview
- Develop Epics
- Create Stories
- Verification/Validation
- Wireframes and Storyboards
- Functionality Based on User Roles
- Story Maps
- Estimating Effort: Story Points and Ideal Days
- Prioritizing Stories
- Methods for Prioritizing Stories
- Create Product Backlog
- Create Product Roadmap
- Conduct Release Planning
- Determining Iteration/Sprint Length
- Conduct Date-Driven Release Planning
- Conduct Feature-Driven Release Planning
- Sizing Stories

5 - Agile Role, Responsibilities and Team Space

- Agile Teams and Team Space Overview
- Scrum Master/Servant Leader/Coach (XP)
- Product Owner/Customer (XP)
- Team Members/Developers (XP)
- Team Space
- Physical Space Recommendations

6 - Next Steps
