course : Agile Project Management Mastery for Software Companies

City :	Doha	**Hotel :**	The Ritz-Carlton, Doha
Start Date :	2025-11-30	**End Date :**	2025-12-11
Period :	2 Weeks	**Price :**	5925 $

Course Overview

The Agile Project Management Mastery for Software Companies training course equips participants with the knowledge, skills, and practical techniques to manage software projects in a fast-paced, Agile environment. Participants will learn how to implement Agile frameworks such as Scrum, Kanban, and XP, manage development teams effectively, prioritize backlogs, and ensure timely delivery of high-quality software products. This course emphasizes practical, hands-on exercises and real-world scenarios, enabling software companies to improve project outcomes, enhance team collaboration, and deliver customer value consistently.

Course Objectives

By the end of this course, participants will be able to:

- Understand the principles and values of Agile methodologies.
- Implement Scrum, Kanban, and XP frameworks in software projects.
- Develop, prioritize, and manage Product Backlogs effectively.
- Plan and execute Sprints, manage releases, and deliver working software incrementally.
- Facilitate Agile ceremonies: Daily Stand-ups, Sprint Planning, Retrospectives, and Reviews.
- Measure team performance and project success using Agile metrics.
- Promote collaboration, communication, and continuous improvement in software teams.

Target Audience

This course is ideal for professionals working in software development and IT project management, including:

- Software Project Managers
- Scrum Masters
- Product Owners
- Development Team Leaders
- Agile Coaches
- IT Managers and Coordinators

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- Quality Assurance and Test Managers

Methodology

The course combines theory with practical application, using:

- Interactive lectures and presentations.
- Hands-on exercises, case studies, and simulations.
- Group activities to practice Agile ceremonies.
- Real-world project scenarios and problem-solving exercises.
- Tools and software demonstrations for backlog management, sprint planning, and tracking progress.

Course Outline

Day 1: Agile Fundamentals and Principles

- Introduction to Agile: Values and Principles
- Differences between Agile, Waterfall, and Hybrid approaches
- Understanding Agile Mindset in software projects
- Agile roles and responsibilities: Scrum Master, Product Owner, Development Team

Day 2: Scrum Framework and Agile Planning

- Scrum roles, events, and artifacts
- Product Backlog creation and management
- Sprint Planning and execution
- Story points, estimation techniques, and velocity tracking

Day 3: Agile Execution and Team Collaboration

- Daily Stand-ups and team coordination
- Task boards, Kanban, and workflow visualization
- Handling impediments and risk in Agile projects
- Effective communication and collaboration in cross-functional teams

Day 4: Advanced Agile Techniques

- Scaling Agile for multiple teams and larger projects

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- Agile metrics: burndown charts, cumulative flow diagrams, and team performance measures
- Test-Driven Development (TDD) and Continuous Integration (CI) practices
- Managing releases and incrementally delivering working software

Day 5: Agile Retrospectives, Continuous Improvement & Wrap-Up

- Conducting effective Sprint Reviews and Retrospectives
- Driving a culture of continuous improvement
- Agile adoption challenges and change management
- Applying Agile principles to real-world software projects
- Course review, Q&A, and action planning