IT Project Management with Agile and Scrum

3 – 7 October 2027
Dubai (UAE)



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Introduction

In today's fast-paced digital environment, the success of organizations depends heavily on how effectively they manage technology-driven projects.

Traditional project management methods often fall short in keeping up with rapid changes, shifting priorities, and evolving customer demands.

IT Project Management with Agile and Scrum provides a modern framework for delivering projects faster, smarter, and with higher quality.

This course focuses on empowering professionals to plan, execute, and lead IT projects with agility — improving collaboration, adaptability, and overall project success.

It bridges the gap between management and technical execution, giving participants the tools to lead cross-functional teams efficiently and deliver tangible business value.

Course Objectives

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

- Understand the fundamental concepts of IT project management.
- Apply Agile principles to improve project flexibility and delivery speed.
- Implement Scrum methodology effectively in IT environments.
- Lead and coordinate multidisciplinary teams efficiently.
- Plan, track, and control project progress using Agile tools.
- Manage risks, changes, and stakeholder expectations.
- Measure project performance using data-driven metrics.
- Create a culture of collaboration, innovation, and continuous improvement.



Course Outlines

Day 1: Fundamentals of IT Project Management

- Overview of project management in IT environments.
- Understanding project lifecycle and key stages.
- Roles and responsibilities within IT project teams.
- Comparing traditional and Agile project management approaches.
- Identifying common challenges in technology projects.
- Workshop: Defining the scope of an IT project.

Day 2: Agile Principles and Methodologies

- Core principles and values of Agile project management.
- Transitioning from traditional management to Agile thinking.
- Key Agile frameworks: Scrum, Kanban, and hybrid models.
- Adapting Agile principles to corporate IT environments.
- Roles and collaboration models in Agile teams.
- Exercise: Creating an initial Agile project plan.

Day 3: Applying Scrum Framework in IT Projects

- Understanding Scrum roles: Product Owner, Scrum Master, and Team.
- Key Scrum events: Sprint Planning, Daily Scrum, Review, and Retrospective.
- Writing effective user stories and prioritizing backlogs.
- Managing project progress with visual task boards.
- Using Scrum metrics to evaluate team performance.
- Hands-on activity: Building a Scrum board for an IT project.

Day 4: Planning, Execution, and Monitoring in Agile Projects

- Developing Agile project roadmaps and release plans.
- Using performance indicators KPIs to measure outcomes.
- Managing risks and adapting to changing requirements.
- Enhancing team productivity and collaboration.
- Handling multiple sprints and dependencies efficiently.
- Case study: Analyzing a real-world Agile IT project.



Day 5: Leadership and Value Delivery in Agile Environments

- Leading IT teams in Agile organizations.
- Building trust, motivation, and accountability.
- Aligning project outcomes with business objectives.
- Sustaining agility and innovation beyond implementation.
- Final project: Designing a complete Agile project plan using Scrum.
- Assessment and feedback session.

Why Attend This Course: Wins & Losses!

- Gain a solid understanding of Agile and Scrum principles.
- Develop the ability to lead IT projects with flexibility and precision.
- Enhance team collaboration and productivity.
- Improve project visibility and risk management.
- Deliver faster results with higher stakeholder satisfaction.
- Learn to adapt to changing business and technical needs.
- Acquire practical tools and templates for immediate application.
- Strengthen leadership and decision-making capabilities.

Conclusion

Agile and Scrum have transformed the way organizations deliver technology solutions. This course equips participants with the strategic insight and practical tools to lead IT projects in a fast-moving, unpredictable environment. By mastering these modern methodologies, professionals can ensure smoother workflows, faster delivery cycles, and improved collaboration between IT and business teams.

IT Project Management with Agile and Scrum empowers leaders to turn complexity into clarity—achieving sustainable success in digital transformation.

