
Course Title: Professional Scrum Master I (PSM I)

Total Duration: 18 Hours

Session Duration: 1.5 Hours

Course Objective:

Prepare participants to understand Scrum principles, practices, and roles effectively and pass the PSM I certification exam.

Session-wise Outline

Module 1: Introduction to Scrum (3 Sessions)

Session 1:

- Course Overview
- Introduction to Agile and Scrum
- The Agile Manifesto and Principles
- Key Differences: Agile vs. Waterfall

Session 2:

- Overview of Scrum Framework: Roles, Events, and Artifacts
- Scrum Values and Pillars: Transparency, Inspection, and Adaptation
- Empirical Process Control

Session 3:

- Scrum Master Role: Responsibilities and Misconceptions
- Product Owner Role and Collaboration
- Development Team: Cross-Functionality and Self-Organization

Module 2: Scrum Framework Deep Dive (4 Sessions)

Session 4:

- Scrum Events: Sprint Planning, Daily Scrum, Sprint Review, and Sprint Retrospective

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- Timeboxing and the Importance of Events

Session 5:

- Sprint: Purpose, Timeframe, and Sprint Goal
- Increment: Definition of Done (DoD) and Delivering Value

Session 6:

- Scrum Artifacts: Product Backlog, Sprint Backlog, and Increment
- Product Backlog Refinement and Prioritization

Session 7:

- Monitoring Progress with Burn-down and Burn-up Charts
- Key Metrics in Scrum: Velocity and Empirical Data

Module 3: Scrum in Practice (3 Sessions)

Session 8:

- Servant Leadership and Coaching Techniques for Scrum Masters
- Handling Team Dynamics and Conflict Resolution

Session 9:

- Addressing Common Scrum Challenges
- Anti-Patterns in Scrum and How to Avoid Them

Session 10:

- Scaling Scrum for Large Teams (Introduction to Nexus, SAFe, and LeSS)
- Adapting Scrum to Organizational Culture

Module 4: PSM I Exam Preparation (2 Sessions)

Session 11:

- Exam Overview and Format
- Tips and Strategies for Passing PSM I
- Practice Questions: Realistic Scenario-Based Questions

Session 12:

- Mock Test: PSM I Simulation (Timed Practice Exam)
- Review and Discussion of Mock Test Results
- Final Q&A and Closing Remarks

Learning Outcomes:

By the end of the course, participants will:

1. Understand the Scrum framework comprehensively.
2. Be equipped to apply Scrum principles in real-world scenarios.
3. Be confident to attempt and pass the PSM I certification exam.