



Scrum Master with PSM I Certification

Projects are increasingly choosing for an Agile approach, and Scrum is the most popular. The main drivers are to produce software faster and cheaper but also to better align client and users with the development team.

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Course Overview

This course provides the concrete know-how about the practices that are required to be an effective Scrum Master. It presents in detail the agile processes and team dynamics, with a strong emphasis on the role of Scrum Master. This course covers the benefits of an Agile approach working with Scrum, highlighting the differences between Scrum and the traditional development methodologies. Moreover, the power of visual management, pursuing and resolving impediments are made clear to trainees by means of practical exercises. The training closes with PSM 1 exam, provided by scrum.org. This body of certification was created in 2009 by [Ken Schwaber](#), one of the founders of Scrum.

Course Objectives

The course is based on an interactive approach in which trainees will learn how to guide a team, a project, or an organization into a process of rapid delivery of valuable results. Exercises, case studies, and examples are used to assist the participants to develop the knowledge, skills, capabilities and insights needed to make the shift from the traditional management practices to Scrum practices.

At the end of the course, trainees have a clear understanding about:

- Why adopting Agile approach and Scrum?
- What are the principles, the different roles and responsibilities in Scrum?
- How to implement Scrum practices for estimation, planning, project execution and monitoring?
- How to facilitate Scrum ceremonies and foster product quality?

Targeted Audience

This course is intended for project managers, team leads, designers, developers, testers, software architects and anyone who is expected to lead Scrum projects & teams.

Trainers

Training will be conducted by an experienced trainer and Agile coach from **why innovation!**.

Course Content

Agile Overview

- Agile Definition
- Agile Principles: The Agile Manifesto
- Benefits of Agile
- Understand Agile for Software Development

Overview of Agile Methods

- Scrum, Kanban, XP (eXtreme Programming), Unified Process (UP), Crystal, Dynamic Systems Development Method (DSDM) , Feature Driven Development (FDD).
- Adopting Agile Methods

Scrum: Agile Project Management

- Architecture of SCRUM and focus on product development
- Roles and Responsibilities in Scrum
- Scrum: The rhythm of sprints
- Importance of continuous improvement
- SCRUM applied : key success factors and pitfalls

Team Dynamics

- The stakeholders
- Team work, team spirit, self-organization
- The leadership
- Effective communication and solving conflict

Managing Requirements

- The product manager and the product backlog
- The delivery plan
- Characteristics, performance and quality requirements
- Product completion level and tests
- Detailed specifications
- Requirements traceability

Scrum Process and Meetings

- Iteration, sprint activities, time boxing, sprint, sprint planning,
- Backlog, estimations and poker game
- The daily scrum
- The burndown chart
- The sprint review
- The retrospective meeting Implementing Scrum Difficulties and resistance
- Change Management
- Good practices and frequent mistakes (Dos and Don'ts)

Course Information

Each session will be limited to a maximum of 12 participants.

Duration: 3 days

Location: Singapore, Hong Kong

Training Fee: SGD 2,310 / HKD 14,000

Certification Fee: SGD 210 / HKD 1,200 from Scrum.org

Citrep+ Funding (Available for Singapore citizens and Permanent Resident):

- up to 70% of the exam fees, capped at SGD 500 (exam only) per trainee.

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Funding support is available for Singapore citizens and Permanent Residents**. Valid for

courses and examinations commencing on or before 31 March 2019. Terms and conditions apply. Please visit <http://www.imda.gov.sg/citrep> for full details.

Related Courses

- Agile Essentials
- Scrum Developer with PSD Certification
- Scrum Product Owner with PSPO I Certification
- Kanban & Lean Foundations
- Leading SAFe® 4.0 with SA Certification
- SAFe® 4.0 Advanced Scrum Master with SASM Certification

why innovation!

We offer a large variety of trainings in Innovation Management, Agile and Software Engineering. Courses are delivered through open enrollment or company in-house sessions. In this later case, we may customize training to your company's specific context and needs.

We are proud of our passion for knowledge and we promise our students a fun learning experience mixing a variety of teaching techniques.

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