



Professional Scrum Master

(International Certification – PSM I)

Ken Schwaber initially designed the PSM course in 2009 as a significant update of the Certified Scrum Master (CSM) course that he created in 2002. Since 2009, the PSM course has been maintained and regularly enhanced by Scrum.org through contributions from Ken and other experts in the Scrum.org network of Professional Scrum Trainers.

Overview

The Professional Scrum Master (PSM) course is a 2-day course that covers the principles and (empirical) process theory underpinning the mechanics, rules and roles of the Scrum framework. Advanced tools for servant-leadership are provided to increase a Scrum Master's effectiveness. These tools relate to behavioural shifts, working with people and teams, coaching and facilitation techniques, and addressing the organization.



Students learn through instruction and team-based exercises, and are challenged to think in terms of the Scrum principles to better understand what to do when returning to the workplace.

Professional Scrum Master is THE cutting-edge course for effective Scrum Masters and anyone supporting a software development team's efficiency and effectiveness.

Scrum.org selects only the most qualified instructors to deliver this course. Scrum.org maintains the defined curriculum and materials to assure consistency and quality for students worldwide.

Purpose

This 1 day advanced course teaches current Scrum Masters how to use Scrum to optimize value, productivity, and the total cost of ownership of software products. Students learn through instruction and team-based exercises, and are challenged to think on their feet to better understand what to do when they return to their workplaces.

Audience

Professional Scrum Master course is targeted at Scrum Masters and anyone else responsible for the successful use and/or rollout of Scrum.

Course Prerequisites

Attendees will be able to make the most of the course if they:

1. Have studied the [Scrum Guide](#) (required).
2. Passed the [Scrum Open](#) assessment.
3. Have a solid understanding of Scrum either through working on a Scrum Team, or through taking part in a [Professional Scrum Foundations](#) or similar course.
4. Have been on or are closely involved in building or enhancing a software product or application.
5. Have read one of the Scrum books. [See resources](#).

Course Outline

The course consists of modules that build on each other. Modules are exercise-driven, and their success depends on effective group participation and interaction.

PROCESS DOMAIN

- **The Scrum Framework:** Scrum theory includes time-boxing, and specific roles, rules, and artifacts. All elements of Scrum complement each other to form a consistent whole. All work is performed in Sprints. All base rules, events, and roles are described in the Scrum Guide, the acknowledged Scrum body of knowledge. Each part of Scrum ties back to the principles and theory.
- **Scrum Theory and Principles:** Scrum is founded on empirical process theory to deal with the complexity typical to software development. All principles and values of Scrum are based on the fundamental view of software development as creative and complex work. Scrum Masters know how Scrum implements empiricism in software development. They explain how the Scrum principles tie back to the empirical nature of Scrum, and how they are fundamentally different from those of more traditional software development approaches. Scrum Masters understand the impact of the transparency that Scrum brings and requires, and how Scrum is best used to increase an organization's agility.
- **Cross-functional, Self-organizing Teams:** Scrum Teams are self-organizing and cross-functional; which is very different from traditional development groups. Scrum Masters understand the people aspect of Scrum, how to work with people. Scrum Masters understand how Scrum Teams are formed. Scrum Masters have the tools and ideas to get Scrum teams going, guide them along the way and help them continuously self-develop to become successful through better collaboration.
- **Coaching and Facilitation:** Scrum Masters are servant-leaders, with skills and tools to coach teams and organizations in understanding and applying Scrum. They master several techniques for coaching, conversation, and facilitation in order to help people, teams, and organizations discover what works best for them. Being a Scrum Master requires specific skills and traits. The overall behavior of a Scrum Master is very different from a project manager or team leader in a traditional environment.
- **Scrum at Large:** Scrum Masters can identify waste and scaling options within a team to increase the effectiveness of the team in delivering releasable software. Scrum Masters can guide an organization in scaling to multiple Scrum Teams working on one software product and in aligning development on product lines or multiple interconnected products.

Assessment and Certification

The Professional Scrum Master qualification has two levels of certification: PSM I and PSM II. When you complete this Scrum Master course you will receive a password to take the PSM I assessment (once within a 14-day period) following the course. Once you pass this assessment you will receive the industry-recognized "PSM I" certification and your name will be posted on the Scrum.Org website.

Microsoft® uses the PSM I assessment to validate knowledge as part of its Silver and Gold Application Lifecycle Management (ALM) competencies.

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