

BROCHURE

PSM 1

PROFESSIONAL SCRUM MASTER 1



WHY

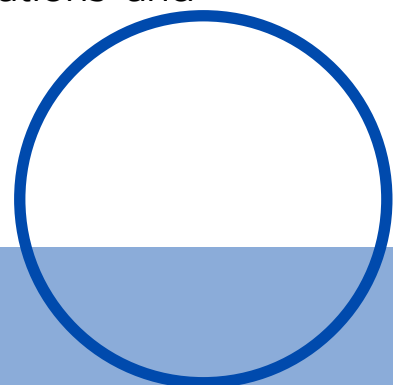
DO I NEED SCRUM CERTIFICATIONS?

Scrum masters lead complex project and product teams in nearly every country and, unlike other certifications that focus on a particular geography or domain, the Professional Scrum Master (PSM I) is truly global. As a Professional Scrum Master, you can break into the global Tech Industry in any location around the world.

Professional Scrum Masters demonstrate knowledge and understanding of Scrum and their ability to apply it in real-world situations. The value of this certification is intimately tied to the demonstration of knowledge needed to achieve it making it more valuable than available alternatives for Scrum.

The Professional Scrum Master I (PSM I) certification is the most important industry - recognized certification to examine, enhance, and certify Professional Scrum knowledge. The PSM 1 affords you the opportunity to lead complex knowledge projects in every country.

The PSM I signifies that you speak and understand the global language of the Scrum method and connects you to a community of like minded Tech professionals, organizations and experts worldwide.





Scrum.org

The scrum.org founded by Ken Schwaber (Co-Creator of the Scrum method), offers thirteen certifications covering topics that range from the fundamentals of Scrum, Scrum accountabilities, and topics beyond the Scrum framework - practices that complement Professional Scrum.

The PSM I certification which has existed since 2009 has been earned by 531,033+ Professionals and is fast growing worldwide.

As the inspect-and-adaptation mechanism of Scrum uncovers issues, so are the Certifications offered by scrum.org designed to encourage ownership, participation, and advancement. The organization offers:

- Professional Scrum Master I (PSM I)
- Professional Scrum Master II (PSM II)
- Professional Scrum Master III (PSM III)
- Professional Scrum Product Owner I (PSPO I)
- Professional Scrum Product Owner II (PSPO II)
- Professional Scrum Product Owner III (PSPO III)
- Professional Scrum Developer I (PSD I)





Scrum.org

- Professional Agile Leadership (PAL I)
- Professional Agile Leadership - Evidence Based Management (PAL-EBM)
- Scaled Professional Scrum (SPS)
- Professional Scrum with Kanban (PSK I)
- Professional Scrum with User Experience (PSU I)
- Professional Scrum Facilitation Skills (PSFS)

The Professional Scrum Master I Certification being the most popular of these provides everyone looking to validate their understanding of Scrum with the knowledge of the Scrum framework, the Scrum Master accountabilities and how to apply the Scrum method as a Professional Scrum Master.



COURSE OVERVIEW

The PSM I certification focuses primarily on validating the understanding of Scrum as defined in the Scrum Guide as well as understanding the fundamentals behind agile leadership. It demonstrates a fundamental level of Scrum mastery and includes Questions from the following Competencies & Focus Areas:



Understanding and Applying the Scrum Framework.

Focus Areas: Empiricism, Scrum Values, Scrum Team, Events, Artifacts, Done.



Developing People and Teams

Focus Areas: Self-Managing Teams, Facilitation, Coaching and Mentoring.



Managing Products with Agility

Focus Areas: Forecasting & Release Planning, Product Value, Product Backlog Management, Stakeholders & Customers

COMPETENCY 1

UNDERSTANDING & APPLYING THE SCRUM FRAMEWORK

This competency allows teams and organizations to iteratively and incrementally deliver valuable products of “Done” for a working releasable software in 30 days or less. Successful use of the Scrum framework requires an understanding and application of the Scrum Values and the tenets of Empiricism to professionally deliver value to the organization while addressing the inherent complexity of product delivery. The Scrum framework consists of Scrum Teams and their associated Roles, Events, and Artifacts. Each of these components within the framework serves a specific purpose and are essential to Scrum’s success and usage.

The focus areas covered in this competency include Empiricism, Scrum Values, Scrum Team, Events, Artifacts, Done.

Focus Area 1 - Empiricism

- Describe problems in terms of learning
- Break problems down into the smallest increments that will generate valuable evidence
- Execute in an empirical way

Focus Area 2 - Scrum Values

- Understand the Scrum Values - Focus, Respect, Openness, Commitment, and Courage.
- Apply the values in organizations whose values do not match those of Scrum.
- Help others to apply the Scrum Values.
- Create an environment where empirical process, self-organization, and continual improvement will be more successful.

Focus Area 3 - Scrum Team

- Understand the component of the Scrum Team
- Understand how accountability is shared amongst team members
- Understand how each member works in the context of the Product Goal

Focus Area 4 - Events

- Understand the 5 events of the Scrum framework: Sprint, Sprint Planning, Daily Scrum, Sprint Review, and the Sprint Retrospective.
- Identify how each event enables progress through the three pillars of Scrum: transparency, inspection, and adaptation.
- Learn to apply these events in complex situations and at scale.

Focus Area 5 - Artifacts

- Understand the 3 artifacts of the Scrum framework: The Product Backlog, Sprint Backlog, and Increment.
- Understand how the artifacts function as a minimal set of materials to plan, execute, and review the Sprint.
- Identify how to implement the artifacts in complex, real-world situations.
- Understand the relationship of these artifacts relative to other agile practices and techniques and how to integrate them into an organization's process.

Focus Area 6 - Done

- Describe what a Definition of Done (DoD) is.
- Apply DoD to complex situations and understand how the DoD enables the benefits of agile.
- Understand the implications of the necessary trade-offs and compromises required to deliver Increments in an organization.

COMPETENCY 2

DEVELOPING PEOPLE & TEAMS

Scrum puts specific responsibility on Scrum Masters to support and guide Scrum Team members (as well as other members of the organization). However, team development is not only the responsibility of the Scrum Master. Since Scrum Teams are self-managing, all team members are responsible for helping the team continually improve through techniques that “develop people and teams.”

The focus areas covered in this competency include Self-Managing Teams, Facilitation, Coaching and Mentoring

Focus Area 1 - Self - Managing Teams

- Identify how cross-functional, self-managing and empowered teams are the engine to delivering value.
- Understand what self-management is and how to apply it to various contexts.
- Identify how to incrementally introduce self-management to teams.
- Understand the practices that can help self-managing teams thrive.
- Determine if a team is able to be empowered to self-manage.

Focus Area 2 - Facilitation

- Understand how facilitation supports the collaboration, communication, and creativity of teams and individuals
- Identify techniques that can be applied to facilitation
- Understand how a facilitator creates a safe environment for the team to flourish
- Understand how a facilitator is a process expert.

Focus Area 3 - Coaching

- Understand the concept of coaching in Scrum teams.
- Identify the range of skills and capabilities needed to create value when coaching.
- Discern when a coaching stance is the best way to support people and teams.
- Understand how a Coach unlocks a thought-provoking process that helps individuals draw on their own experiences to reach team objectives.

Focus Area 4 - Mentoring

- Understand how Mentoring is useful to help team members uncover their own way to accomplish objectives.
- Identify the value of mentoring and how it is different from other approaches for supporting people in their development

COMPETENCY 3

MANAGING PRODUCTS WITH AGILITY

Managing Products with Agility results in products that provide valuable business outcomes, increased flexibility to respond to change, and greater transparency for investment decisions in product development. A clear and understandable Product Vision helps to align product development with the organization's Business Strategy including strategic goals and/or business vision.

Proficiency in this competency is required by all Scrum Team members, Agile Leaders, and organizational stakeholders to ensure that the full value of using the Scrum framework and an empirical process is achieved.

The focus areas covered in this competency include Forecasting & Release Planning, Product Value, Product Backlog Management, Stakeholders & Customers.

Focus Area 1 - Forecasting & Release Planning

- Understand and apply agile forecasting and release planning techniques
- Identify the different approaches to forecasting and release planning and the value of each.
- Understand how releases should be planned while dealing with complexity, dependencies, and value creation.

Focus Area 2 - Product Value

- Understand value and its complexities - long-term and short-term impact, internal and external value.
- Understand how to define value for context, and apply it to the work you and the team does.
- Identify how to manage others' understanding of value and apply different techniques and practices for defining, communicating and measuring value.
- Understand how value should be the driving factor of the Product Goal.

Focus Area 3 - Product Backlog Management

- Describe what a Product Backlog is and apply a variety of techniques for managing the backlog.
- Understand how to make the Product Backlog transparent.
- Learn how to manage stakeholder expectations associated with the backlog.

Focus Area 4 - Stakeholders & Customers

- Understand the implication of moving to an Agile approach on your stakeholders and customers.
- Become familiar with practices that will help stakeholders & customers work and collaborate in a more agile way.

EXAM PREPARATORY METHODOLOGY



- Instructor-led Virtual Class
- Experience sharing
- Assessments
- Self-study

DURATION

- The PSM I Exam Preparatory Class spans for 6 weeks (One Weekend of Instructor- Led classes and 5 weeks of Self paced Learning with Assessments)

ASSUMPTIONS

- CERTIFICATION EDGE will be responsible for all training resources and materials.



**THANK
YOU**

