

PROFESSIONAL SCRUM DEVELOPER

A Professional Scrum training course created by
Ken Schwaber and Scrum.org in conjunction with Microsoft®

The Scrum.org mission is to improve the Profession of Software Delivery.

As part of our mission, Scrum.org provides the highest quality Scrum training, including the most advanced training materials and certified Professional Scrum Trainers (PSTs) to deliver it. The curriculum and courseware are highly-tuned and standardized.

Training materials are created and maintained by Scrum co-creator Ken Schwaber with the Scrum.org PST community, helping to ensure that they are always in tune with what's happening in software development organizations and always up-to-date with the latest practices.

Courses are provided around the world. Our PSTs can work with you to plan a private course to meet your organization's specific needs. For globally distributed organizations, our PSTs work together to provide training for your staff wherever they reside, ensuring that they are all learning the same thing. Consistent training is critical for large scale efforts where many teams are working together on the same products.

Our trainers bring their own style and experience to courses, but all trainers use the same materials around the world so that students are learning from the same content regardless of where the course is taught and who is teaching it.

Course Objectives



In this course students make up an entire Scrum Team where they concurrently do requirements engineering, design, development, testing, integration and deployment within a single iteration.

Understand how modern Agile engineering practices and supportive DevOps tools improve a team's capability to deliver working software.



Students learn the different aspects of a Scrum Team and how to work together as a team to get work done.



Students gain knowledge of how to leverage modern software development tools and practices.

Course Description

Over the 3 days, students gain a real-world view of what it is like to build software with Scrum. Throughout the course, students collaborate over a series of Sprints. They apply modern engineering practices, and use the Scrum framework to cope with changes. There is a key focus on having students learn how to develop and deliver increments of potentially releasable functionality from a realistic Product Backlog. By doing so, students will experience real-world challenges and issues and will learn how to handle them by continuously improving during the Sprint cycles.

The course teaches how Agile engineering practices and supportive DevOps tools improve a team's capabilities even more.

The course is available in .NET and Java specific technologies along with a generic technology course. Professional Scrum Trainers can work with you to define a specific technology stack that meets your needs in private classes.

The .NET version was developed in partnership with Microsoft® and is the official training solution for Microsoft Visual Studio.

Who Should Attend?



The Professional Scrum Developer course is intended for all members of a Scrum Team; architects, analysts, programmers, database developers, testers, IT-Operations and others, including Scrum Masters and Product Owners. The class focuses on using technology to deliver software in Increments. Experiencing this class with your whole Scrum Team will improve your way of working.

Course Topics



- Using Scrum
- Working within a Scrum Team
- Definition of Done
- Development Practices
- Agile architecture practices to slice features
- Test Driven Development
- Pairing
- Code Review
- Agile requirement management practices
- Using DevOps tools with Scrum

Assessment Certification



All participants completing the Professional Scrum Developer course will receive a password to attempt the industry-recognized PSD I assessment, which requires a minimum passing score for certification.

Additional Course Offerings

Scrum.org offers the following additional training courses, which are available publicly and privately.

- Professional Scrum Foundations
- Professional Scrum Master
- Professional Scrum Master II
- Professional Scrum Product Owner
- Professional Scrum Product Owner Advanced
- Scaled Professional Scrum with Nexus
- Professional Agile Leadership - Essentials
- Professional Scrum with Kanban
- Professional Scrum with UX