



## Applying Professional Scrum

Duration: 2 days; Instructor-led

### WHAT YOU WILL LEARN

Applying Professional Scrum is the workshop for anyone who wanted to learn more about Scrum as described in Scrum Guide through Hands-on exercises. Applying Professional Scrum (APS) provides the foundational knowledge needed to work with Scrum efficiently. The course is a combination of teaching and team-based exercises. Students work in Scrum Teams over a series of Sprints to learn Scrum while doing Scrum. They experience first-hand how the Scrum framework improves their ability to deliver business value compared to traditional methods. The course also includes a free attempt at the globally recognized Professional Scrum Master I certification exam (PSM I).

Students experience new, agile ways of working that enable teams to deliver more value, satisfy stakeholders, and work better together. Students work together as a team in a series of Sprints to build a product, face similar problems they face outside of class, and learn how to use Scrum to address them. The events, roles, artifacts, and principles of Scrum get leveraged during the exercises.

The course also provides the foundational Scrum knowledge needed for those wishing to continue their education with role-focused (Scrum Master, Product Owner, Developer, Leader) training classes. Whether you are getting started on your first Scrum effort or refreshing your knowledge, this course gives students the ability and direction to start using Scrum immediately after the class.

### AUDIENCE

The Applying Professional Scrum (APS) course is the perfect introduction, reboot, or refresher to Scrum. This course is for teams or anyone wanting to experience the Scrum way of working. APS provides the knowledge needed for anyone interested in taking role-focused training.

### PREREQUISITES

Applying Professional Scrum training has no prerequisite, but good to read Scrum Guide before attending this workshop. Scrum Guide freely available here.

### COURSE OBJECTIVES

- Learn about Agility and how Scrum differs from traditional plan-driven work models
- Learn (or relearn) the fundamentals of Scrum and how to apply them correctly
- Develop an understanding of what it is like to use Scrum and if it is right for your team
- Learn how to be a great Scrum Team member
- Leave the class with ways to identify common pitfalls and how to avoid them

### OUTLINES

#### Module 1: Agile And Scrum Framework

We often hear agile helps complete projects faster than waterfall but is it true? Are we looking to complete a project faster or wanted to go early to market? These are two different things. This module helps students explore the purpose behind agile methods and how Scrum helps in adopt business agility.

#### Module 2: Empirical Process Control

Scrum is based on empirical process control, but what is empirical process control, and why it helps solve complex adaptive problems? In this module, we deep dive into the Scrum framework and understand how each Scrum framework element helps practice empiricism.

#### Module 3: Scrum Elements

Scrum has three roles to have clear accountability, three artifacts to enable transparency and fulfill different commitments. There are five events to inspect and adapt. How all these works together? We run hands-on exercises to learn all these in detail.

#### Module 4: Roles Within Scrum

Product Owner is there to optimize the value, Scrum Master to help in adopting Scrum, and Developers to produce quality increment. It seems all these are theories unless we understand how they do it. We will learn all these by role-playing during the training to have a deeper understanding of each role.

#### Module 5: Scrum Artifacts

Product Backlog is a single source of all the requirements, always provides current insight, ordered based on value, risk, and size, and available to all the stakeholders. Sprint Backlog is a plan for developers to meet the Sprint goal, and Product Increment is the sum of all the work done as per the definition of Done by developers. Will learn how to enable transparency through Scrum artifacts.



### **Module 6: Scrum Events**

There are five events in Scrum. The Sprint, Sprint Planning, Daily Scrum, Sprint Review, and Sprint Retrospective. These are opportunities for the Scrum team to inspect and adapt products, plans, and working ways. Effective facilitation techniques help in producing better quality of the product within the Scrum. We will learn how to facilitate scrum events for a better outcome.