Professional Scrum Foundations
Course Summary

Description

This is an intensive 2-day instructor-led workshop for students who have an elementary understanding of the terms in agile but no experience. This is a directly hands on class with many examples and exercises. The objective of the class is to apply learnings directly into the workplace for a beginning agile team. The course will contain not only a Scrum (the development phase), but will cover a project from product inception to fulfillment. The topics of funding, portfolio management, and after-implementation maintenance will be included. The course is created by and endorsed by Scrum.org, the international curator of the official Scrum agile process and is taught by a certified scrum professional trainer who has been rigorously assessed by Ken Schwaber (the inventor of Scrum) and the scrum.org committee. Professional Scrum Foundations is a rigorous two-day course offered to solidify the core principles of Scrum for individuals or teams. Common missteps in the adoption of Scrum have been seen over and over again across industries, companies, and teams. Rather than coaching teams back from a poorly functioning Scrum implementation, this course exposes these common missteps, increases the awareness of the associated symptoms, and provides prescriptive guidance to avoid going off track.

This practical classroom experience equips attendees to get started with Scrum, to sustain successful habits, and to avoid common Scrum pitfalls. Students learn the basics of Scrum and how to implement Scrum effectively and keep their team practicing healthy behaviors. Teams implementing Scrum without a fundamental understanding of the framework are far less likely to succeed than those who experience Scrum together in a learning environment. This class deliberately addresses common challenges teams will face in their Scrum adoption by equipping students to mitigate threats that can derail Scrum in some organizations.

Objectives
At the end of this course, students will be able to:

- Understand the core Agile values
- Distinguish between theory and actionable practices
- Identify the characteristics of Scrum
- Describe roles and responsibilities on a Scrum project
- Track and manage requirements in an agile manner
- Populate and groom a product backlog
- Create a Sprint backlog

- Plan for releases
- Plan for sprints
- Report status and track progress
- Execute a Sprint demo
- Execute a Sprint retrospective
- Identify, prioritize, and estimate project goals
- Identify acceptance criteria for project goals
- Avoid common Agile traps and pitfalls

Topics

- The Scrum Framework
- Introducing Scrum and Agile
- Scrum Planning

- Keeping Scrum Healthy
- Getting Started with Application

Audience

Professional Scrum Foundations is appropriate for anyone working on or with a Scrum Team. The course is especially suited to companies or teams investigating Scrum, those who are currently struggling with Scrum, or those beginning to utilize Scrum in their development environment.

The course isn't for everyone. Well-functioning Scrum teams looking for assistance with advanced topics like scaling Scrum or implementing a rigorous ROI framework will not receive as much benefit from this course. Such teams should consider the scrum master course.

Duration

Two days

Professional Scrum Foundations

Course Outline

I. The Scrum Framework
A. Students dive into the Scrum software development framework including, roles and responsibilities, principles, artifacts, and events and time boxes, rules and customs.

II. Introducing Scrum and Agile
A. This module discusses the current state of the software industry and Scrum's role within it. Topics include the origins of Scrum, misconceptions of the framework, the value that Scrum provides, and an exploration of self-organization as a power tool for increasing productivity.

III. Scrum Planning
A. Learn practical techniques of planning releases, managing Product Backlogs, keeping Sprints on track, and maintain healthy team behaviors. Although many effective techniques exist for expressing requirements, this module equips teams to discover, express, and decompose requirements as Backlog Items using proven techniques.

IV. Keeping Scrum Healthy
A. This module focuses on common missteps teams make when adopting Scrum and strategies to avoid them. In addition to discussing typical patterns/anti-patterns in this module, class attendees practice some of the more courageous conversations that commonly occur.

V. Getting Started with Application
A. Following an excellent training event, Teams often struggle implementing what seemed so reasonable just a few days ago. This discussion helps attendees plan and prepare to actually be effective with Scrum immediately, marking the course as the true catalyst for change and increasing agility within your organization.