

## ScrumMaster Certification

The ScrumMaster Certification course introduces the concepts of agile project leadership and how to apply Scrum practices in software development teams, using the Scrum framework. Successful participants will become Certified ScrumMasters (R), a first step in the journey toward skilled leadership of projects, using Scrum.

The course format is hands-on exercises and discussions with some lecture to define terms and concepts. Ample time is given to share the instructor's real-world experiences on a wide range of projects. This course explains the Scrum basics such as managing the product backlog, planning the sprint, tracking and reporting progress through the use of burndown charts, and reviewing the sprint. Following the successful completion of the course, each participant will be eligible to sit for a test administered by the Scrum Alliance. You must pass the test to become designated as a Certified ScrumMaster (CSM). The class includes a one-year membership in the Scrum Alliance, where exclusive ScrumMaster-only materials and information are available.

This course is taught by a PMP certified instructor, and PMPs may file for up to 14 PDUS under Continuing Certification Requirements' "Cat B: Continuing Education."

### Objectives:

In the CSM course, you will learn about:

- < Scrum basics and core values
- < How the Scrum framework compares to other methods, such as waterfall
- < How to identify when to use Scrum
- < A Scrum team's three roles and responsibilities
- < Scrum meetings, including the Sprint Review, Sprint Retrospective and Release Planning
- < Sprint Backlog and Product Backlog
- < Scrum artifacts, including the Product Backlog, Sprint Backlog and Burndown Charts

### Audience:

This course is intended for *team members* and *managers* involved in projects who may assume the ScrumMaster role. Typically, the ScrumMaster is a *project manager*, *team lead*, or *development manager*, but may also be a *business analyst* or any *member of a Scrum team*. In large organizations, it is recommended that *Directors* who oversee project teams or functional areas also participate.

### Prerequisites:

A basic knowledge of Scrum is assumed. Experience on a Scrum project is desirable.

### Duration:

2 days (depending on public or private presentation and amount of lab exercises desired)

### Related courses:

Students who take this course will also benefit from the following Icon courses:

- < Scrum Overview
- < Agile Enablement Bootcamp
- < Applying Requirements with User Stories
- < Agile Product Owner Enablement
- < Testing Driven Design

### Certification

Taking a Certified ScrumMaster® course and passing the Scrum Alliance CSM test designates you as a Certified ScrumMaster. This designates that you have been introduced to the basic concepts you need to perform as a ScrumMaster or team member on a Scrum Team. This course also satisfies two elements of the Certified Scrum Developer track: Scrum Introduction and Elective Description.

### Outline:

- What is Agile?
- History of Scrum
- The Scrum Framework
- Scrum Values and Benefits
- Roles and Responsibilities on the Scrum Team
- Scrum Practices:
  - Preparing the Product Backlog
  - Backlog Grooming and Estimation Techniques
  - The Sprint Planning Meeting
  - Tracking the Sprint
  - The Sprint Demo and Review
- Planning Beyond the Sprint
- Scaling Scrum
- Common Pitfalls to Avoid
- Getting Started with Scrum