

ScrumMaster Certification Syllabus

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This two-day course not only provides the fundamental principles of Scrum, it also gives participants hands-on experience using Scrum. This course puts theory into action through a 59-minute Scrum, which simulates a Scrum project through a non-technical group exercise. During the course, attendees will learn why such a seemingly simple process such as Scrum can have such profound effects on an organization. Participants gain practical experience working with Scrum tools and activities such as the product backlog, sprint backlog, daily Scrum meetings, sprint planning meeting, and burndown charts. Participants leave knowing how to apply Scrum to all sizes of projects, from a single collocated team to a large, highly distributed team.

Following successful completion of the course, each participant will be designated Certified ScrumMaster. This certification includes a one-year membership in the Scrum Alliance, where additional ScrumMaster-only material and information are available.

Participants Will Learn:

- Practical, project-proven practices
- The essentials of getting a project off on the right foot
- How to write user stories for the product backlog
- Why there's more to leading a self-organizing team than buying pizza and getting out of the way
- How to help both new and experienced teams be more successful
- How to successfully scale Scrum to large, multi-continent projects with team sizes in the hundreds
- Tips and tricks from the instructor's ten-plus years of using Scrum in a wide variety of environments

Agenda

The agenda for the class is:

Overview of Scrum

Why Scrum works
What Scrum is
Origins

Sprints

- Potentially shippable
- Architecture on a Scrum project
- Sequential vs. overlapping work
- Sprint length
- Release sprints
- Abnormal terminations

The ScrumMaster

- Responsibilities
- ScrumMaster mindset
- Situational ScrumMastering
- ScrumMaster as team member

The 59-minute Scrum project

The product owner

- Description
- Responsibilities
- Sharing the vision

Product backlog

- Size of the items
- User stories on the product backlog
- Backlog-writing workshops
- INVEST in your backlog

Meetings

- The daily scrum
- Sprint review
- Sprint retrospective

Sprint planning

- Sprint prioritization
- Sprint goal
- Sprint planning meeting
- Sprint backlog items

Release planning

- Velocity
- Estimating the product backlog
- Release planning meeting

Tracking progress

- Sprint burndown charts

Release burndown charts
Task boards

The team

Composition
Teams are cross-functional
Organizing

Scalability

The scrum of scrums
Focus of initial sprints
Shared vs. specific product backlogs
Scaling the product owner
Getting started

Who Should Attend

Whether you're a manager, programmer, tester, analyst, product manager, or someone interested in working on or with a Scrum team, this course is suited for you. You will leave with solid knowledge of how and why Scrum works. Through practical, hands-on exercises and small-group discussion you will be prepared to plan your first sprint immediately after this class.

PMPs: You can receive **16 Professional Development Units (PDUs)** for this course.