

# ScrumMaster Certification Syllabus

Scrum Training Institute, 2010

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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 thirteen-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.