

• Certified ScrumMaster

The Scrum agile development process continues to gain popularity across a wide variety of businesses and products. This two-day class provides a clear understanding of the fundamental principles of Scrum and gives participants hands-on experience using Scrum through liberal use of exercises and discussion. During the class, attendees will learn how the seemingly simple Scrum process can have profound effects on an organization and a project's success. This class puts theory into action as participants gain experience working with Scrum tools and activities such as the product backlog, sprint backlog, sprint planning meeting, daily Scrum meetings and burndown charts. Participants leave the class knowing how to apply Scrum to all sizes and types of projects and for a variety of team structures from a single centralized team to a large distributed team.

Following successful completion of this course, participants will be designated as Certified ScrumMasters. This Scrum Alliance certification includes a one-year membership in the Scrum Alliance, where additional material and information are available.

PMPs: This course counts for 16 Professional Development Units.

You 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 fifteen years of using Scrum in a wide variety of environments

• About the Instructor

Mike Cohn is the author of *User Stories Applied for Agile Software Development* and *Agile Estimating and Planning*. With more than 25 years of experience, Mike has been a technology executive in companies of various sizes, from startup to Fortune 40. A frequent magazine contributor and conference speaker, Mike is a founding member of both the Agile Alliance and the Scrum Alliance.



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AGENDA:

- **Overview of Scrum**
Why Scrum works and what it is
- **Sprints**
Potentially shippable
Architecture on a Scrum project
Sprint length and release sprints
Abnormal terminations
- **Product Backlog**
User stories on the product backlog
Story-writing workshops
INVEST in your backlog
- **The Product Owner**
Description and responsibilities
- **The ScrumMaster**
Responsibilities and mindset
ScrumMaster as team member
- **The Team**
Composition and cross-functionality
Organizing
- **Sprint Planning**
Prioritization and the sprint goal
Sprint planning meeting
- **Release Planning**
Velocity
Estimating the product backlog
Release planning meeting
- **Tracking progress**
Burndown charts and task boards
- **Situational Questions**
Simulating a sprint
- **The Team**
Composition and cross-functionality
Organizing
- **Scalability**
The scrum of scrums
Focus of initial sprints
Shared vs. specific product backlogs
Scaling the product owner
Distributed teams