

•• Certified Scrum Product Owner

When you are put in charge of a complex business project, how do you prevent it from becoming one of the majority of projects that fail or don't live up to expectations? The Scrum agile development process continues to gain popularity in part because of its track record in increasing the odds of project success. The Scrum process provides projects with periodic guidance, frequent inspection opportunities, and the ability to make changes as the project progresses and both you and the team come to better understand the project being built.

This class includes everything needed to succeed with Scrum. Participants will learn to use one of the most important tools of Scrum—the Product Backlog, a prioritized list of features—to drive a Scrum project and continually assess the project's status and progress. In addition, participants will learn proven ways to work as a liaison between the project team and the customer or users, how to plan and make customer commitments, including on fixed-price projects and other challenging situations.

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

PMPs: This course counts for 16 Professional Development Units.

You will learn –

- Practical, project-proven practices
- How to write and maintain a highly useful Product Backlog
- Proven techniques for prioritizing the Product Backlog
- How to use velocity to predict delivery dates of features and projects
- 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 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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MOUNTAIN GOAT
SOFTWARE

AGENDA:

- **Overview of Scrum**
Scrum is empirical
The Scrum project community
- **Roles and Responsibilities**
Team / ScrumMaster / Product Owner
Your role in the four Scrum meetings
Things that are not your job
- **Chartering the Project**
Creating an "Igniting Purpose"
Five techniques
- **Writing the Product Backlog**
Emergent requirements
User stories on the product backlog
The product backlog iceberg
User stories in a formal contract
- **Sprints**
What is potentially shippable?
Changes during the sprint
Sustainable pace and overcommitment
Abnormal termination
- **Estimating**
Estimating the size of work
Planning Poker®
- **Scaling the Product Owner**
Sharing one product backlog
Visualizing a large product backlog
The scrum of scrums meeting
The chief product owner
- **Prioritizing**
The proper level for prioritizing
Four factors to consider
Kano analysis
Theme screening and scoring
Relative weighting
- **Release Planning**
Extrapolating end dates
Fixed-scope and fixed-price projects
- **Tracking Progress**
Burndown charts
Task boards