



Scrum Master Certified

Course SCM 2 Days, 14 PDUs Instructor-led, Hands on

Introduction

This course is valuable for groups of students from the same organization. Special group pricing is available.

This is a two-day, instructor-led course. Scrum Master Certified (SMC™) professionals are facilitators who ensure that the Scrum Team is provided with an environment conducive to completing the project successfully. The Scrum Master guides, facilitates, and teaches Scrum practices to everyone involved in the project; clears impediments for the team; and, ensure that Scrum processes are being followed. Successful candidates will be awarded the Scrum Master Certified (SMC™) certification by SCRUMstudy after passing the certification exam.

Scrum is one of the most popular agile methodologies. It is an adaptive, iterative, fast, flexible, and effective methodology designed to deliver significant value quickly and throughout a project. Scrum ensures transparency in communication and creates an environment of collective accountability and continuous progress. The Scrum framework, as defined in the SBOK™ Guide, is structured in such a way that it supports product and service development in all types of industries and in any type of project, irrespective of its complexity.

A key strength of Scrum lies in its use of cross-functional, self-organized, and empowered teams who divide their work into short, concentrated work cycles called Sprints.

Traditional project management emphasizes on conducting detailed upfront planning for the project with emphasis on fixing the scope, cost and schedule – and managing those parameters. Whereas, Scrum encourages data-based, iterative decision making in which the primary focus is on delivering products that satisfy customer requirements.

To deliver the greatest amount of value in the shortest amount of time, Scrum promotes prioritization and Time-boxing over fixing the scope, cost and schedule of a project. An important feature of Scrum is self-organization, which allows the individuals who are actually doing the work to estimate and take ownership of tasks

Scrum is a process framework that is an adaptive, iterative and effective way to create and implement changes while delivering value to a client quickly and often during a project. It can address complex adaptive problems, while productively and creatively delivering high value outcome.

Scrum is collaborative and allows teams to have their own sense of autonomy while tackling projects self-identified as most important. A Scrum process is distinguished from other agile processes by specific concepts and practices, divided into the three categories of Roles, Artifacts, and Time Boxes.

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Scrum Teams can break down large complicated tasks into individual prioritized elements that can be completed in short bursts and delivered to a client, maximizing change and improvement. Scrum Master Certified (SMC™) professionals are facilitators who make sure the Scrum Team is provided with an environment conducive to completing the project successfully

Our training is accredited by SCRUMstudy and provides an in-depth understanding of the Scrum framework as well as the components, roles and processes of Scrum.

Who Should Attend?

Anyone interested in learning how to implement and run Scrum in their organization and desiring to become certified as a Scrum Master. This includes Scrum team members, Product Owners, Product Managers, Project Sponsors, programmers, designers, testers, software engineers, and business executives.

A Scrum Master is the facilitator who ensures that the Scrum Team is provided with an environment conducive to completing a project successfully. The Scrum Master guides, facilitates, and teaches Scrum practices to everyone involved in the project; clears impediments for the team; and, ensures that Scrum processes are being followed.

To achieve this certification you must pass the exam. You can prepare for the exam by attending this course.

Maintaining Certification

To maintain the status of Scrum Master Certified (SMC™), professionals need to earn 40 re-certification credits every 3 years

Certification Exam

A voucher for the exam is included with your class. The Scrum Master exam is online proctored. Students are given 100 multiple choice questions with a time limit of 120 minutes.

Course Objectives

After completing this course, students will be understand the following:

- Overview of Scrum
- Principles
- Organization
- Business justification
- Quality
- Change
- Risk
- Scrum life cycle

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Prerequisites

Experience working on traditional project teams or agile project teams in any capacity helpful but not required

Course Outline

Module 1: Introduction

- Overview of Scrum
- Why Use Scrum?
- Scrum vs. Traditional Project Management

Module 2: Principles

- Roles Guide
- Empirical Process Control
- Collaboration
- Value-based Prioritization
- Time-boxing
- Iterative Development

Module 3: Organization

- Product Owner
- Scrum Master
- Scrum Team
- Leadership Styles

Module 4: Business Justification

- Value-Driven Delivery
- The Importance of Business Justification
- Continuous Value Justification
- Confirm Benefits Realization

Module 5: Quality

- Quality Defined
- Acceptance Criteria and the Prioritized Product Backlog
- Plan-Do-Check-Act (PDCA) Cycle

Module 6: Change

- Overview: Unapproved and Approved Change Requests
- Change in Scrum
- Integrating Change
- Change in Portfolios and Programs

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- Scrum vs. Traditional Project Management

Module 7: Risk

- What is Risk?
- Risk Management Procedure
- Minimize Risks through Scrum
- Risks in Portfolio and Programs
- Scrum vs. Traditional Project Management

Module 8: Scrum Life Cycle

- Initiate Processes
- Plan and Estimate Processes
- Implement Processes
- Review and Retrospect Processes
- Release Processes