



What you will learn

Rapid changes in technology, market demands, and expectations have paved the way for the conceptualization and implementation of agile methods and values in many organizations. Agile relies on adaptive planning and iterative development and delivery. It focuses primarily on the value of people in getting the job done effectively.

Agile Master Certified (SAMC™) professionals possess a wide ranging knowledge and understanding of the values, methods and intricacies of Agile. The purpose of the exam is to confirm applicants have ability to compare and choose the methodology appropriate in a given situation. You will be awarded the Agile Master Certified (SAMC™) certificate by SCRUMstudy after successfully passing the certification exam.

The aim of the SAMC course is to:

- Provide understanding of the concepts and practices of different Agile Project Delivery methods
- Provide strong understanding of Agile methods to be able to compare and choose the methodologies or parts of methodologies that are most relevant to different situations.
- Prepare participants to take SAMC™ exam upon completion of the course.

At the end of this course the delegate will be prepared for the SAMC™ exam

Audience Profile

This certification is appropriate for anyone interested in getting familiar with the concepts and practices of Agile Project Delivery, and who wants to have a working knowledge of the various Agile methodologies.





Prerequisites

There is no formal prerequisite for this certification. However, an SDC™ or SMC™ certified professional will be able to easily understand the concepts required for the certification exam. Alternatively, you can attend a 3-day SAMC™ classroom training provided by a SCRUMstudy approved Authorized Training Partner (A.T.P.)

What is included

- High quality videos, study guides, chapter tests, and case study
- High quality hands-on training using role-plays and case-studies.
- Course fee includes certification exam fee.
- Complimentary copy of the SBOK® Guide.

Examination Format

- Multiple choice
- 100 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- 180 minutes duration
- Proctored online exam
- Current pass rate: 93%

Course Outcomes

- Participants will be familiar with the concepts and practices of Agile project delivery.
- Participants will be equipped with detailed knowledge and understanding of available Agile methodologies.
- Participants will be able to compare and choose the methodologies or parts of methodologies that are most relevant to their current and future situations.
- Participants will be armed with the proper tools to take the lead in Agile projects and to address and resolve Agile issues in their organizations.
- Participants will be in a position pass SAMC™ exam.

Course Methodology

- We promise a highly engaging course that ensures high retention of concepts and theories.
- Students are encouraged to work through the concepts rather than just listen to them—this provides better internalization and retention.
- Students work through a case study to simulate product development using the Scrum Framework.

Course Outline

1. Introduction

2. Agile Overview

- Agile Defined
- Why use Agile?
- Adaptive Project Management
- Principles of the Agile Manifesto
- Declaration of Independence
- What has changed?
- Difference between Waterfall and Agile

3. Domains of Agile Practices

- Value-Driven Delivery
- Adaptive Planning
- Team Performance Practices
- Agile Tools and Artifacts
- Participatory Decision Models
- Business Stakeholder Engagement
- Continuous Improvement

4. Lean Kanban Software Development

- Introduction
- Core Values

5. Understanding Lean Software Development

- Introduction
- Core Values
- Practices of Lean Software Development
- Iterative Development

6. Understanding Kanban

- Kanban in Software Development
- Kanban Values
- Kanban Practices
- Definition of Lean Kanban
- Implementing Lean Kanban

7. Scrum

- Overview of Scrum
- Brief History of Scrum
- Why use Scrum?
- Scalability of Scrum
- Scrum Principles
- Scrum Aspects
- Scrum Processes
- Scrum and Kanban (Scrumban)

8. Extreme Programming

- Core Values
- Roles
- Practices
- XP Release
- XP Artifacts
- Adopting XP
- XP Events
- Iteration

9. Test-Driven Development

10. DSDM

- Core Values
- Roles
- Practices

11. Crystal

- Core Values
- Roles
- Practices
- The Process

12. Feature Driven Development

- Core Values
- Roles
- Practices
- The Process

13. Comparison of Agile Methods

14. Best Fit Analysis Tool

About SCRUMstudy™

SCRUMstudy™ is the global accreditation body for Scrum and Agile certifications. It has authored the SBOK® Guide as a comprehensive guide to deliver successful projects using Scrum. SCRUMstudy™ works through its large global partner network of Authorized Training Providers (A.T.P.s) to deliver trainings and certifications. Important certifications provided by SCRUMstudy™ include Scrum Fundamentals Certified (SFC™), Scrum Developer Certified (SDC®), Scrum Master Certified (SMC®), Scaled Scrum Master Certified (SSMC™), SCRUMstudy Agile Master Certified (SAMC™), Scrum Product Owner Certified (SPOC®), Scaled Scrum Product Owner Certified (SSPOC™) and Expert Scrum Master Certified (ESMC™)

SCRUMstudy™ Certification Hierarchy

SCRUMstudy™ certified professionals help organizations with improved level of project management that leads to increased ROI. They have knowledge pertaining to and can anticipate issues related to the practical implementation of scrum.

Though there is no mandatory prerequisite for most of the SCRUMstudy™ certifications, it is always better to understand the hierarchy structure. The diagram below shows you what is the preferred as well as optional certification to move to the next level:

