

SCRUMstudy Agile Master Certified (SAMC®)

SCRUMstudy Agile Master Certified (SAMC®) is relevant for professionals who possess knowledge and understanding of the values, methods, and intricacies of Agile.



SCRUMstudy Agile Master Certified (SAMC™) Certified Professionals should appreciate the concepts of Agile development and have the ability to compare and choose or combine Agile methodologies for each project. Upon passing the exam, candidates will be accredited as “SCRUMstudy Agile Master Certified.”

Syllabus

1. Introduction

2. Agile Overview

- Definition of Agile
- Why use Agile?
- Adaptive Project Management
- The Agile Manifesto
- Principles behind the Agile Manifesto
- Declaration of Interdependence
- Difference between Waterfall and Agile

3. Domains of Agile Practices

- Value-Driven Delivery
- Stakeholder Engagement
- Team Performance Practices
- Adaptive Planning
- Problem Detection and Resolution
- Continuous Improvement
- Agile Tools and Artifacts

5. Lean Kanban

- Introduction
- Core Values
- Practices
- Understanding Lean Software Development
- Understanding Kanban Software Development

4. Scrum

- Overview of Scrum
- Brief History of Scrum
- Why Use Scrum?

- Scalability of Scrum
- Scrum Principles, Aspects, and Processes
- Scrum and Kanban

6. Extreme Programming (XP)

- Introduction
- Core Values
- Roles
- Practices
- XP Artifacts, Events, and Release
- Adopting XP

7. Test-Driven Development (TDD)

- Introduction
- The TDD Process

8. DSDM

- Core Values
- Roles
- Practices

9. Crystal

- Core Values
- Roles
- Practices
- The Crystal Process

10. FDD

- Core Values
- Roles
- Practices
- The FDD Process

11. Comparison of Agile Methods

12. Best Fit Analysis Tool

13. Blitz Planning

Examination Format

- Multiple choice
- 100 questions
- 120 minutes
- Online proctored exam
- Two free retakes

Prerequisites

There is no prerequisite for this certification. However, SDC® or SMC® Certified professionals will be able to better understand the concepts required for this certification.

Maintaining Certification

40 Re-Certification Units (RCUs) every 3 years

Audience Profile

This certification is appropriate for anyone who is interested in the different Agile frameworks and methodologies.