

Agile Master Certified (SAMC™)

Classroom Program: 3 Days
Online: 180 days

Overview

Rapid changes in technology, demands from the market, and expectations from customers 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 work done effectively. SAMC™ Certified Professionals appreciate the concepts of Agile development and have the ability to compare and choose the Agile methodology appropriate for any given situation.

Applicants will be awarded the Agile Master Certified (SAMC™) certificate by SCRUMstudy after successfully passing the certification exam.

Certification	Prerequisites		Target Audience	Maintaining Certification(RCUs)
	Experience	Education		
AEC™	Nil	Preferably SDC™ (or) SMC™ certified professional	Anyone on a Scrum team	40 Recertification units every 2 years

What participants will learn

- Participants will become familiar with the concepts and practices of Agile Project Management.
- Participants will be equipped with knowledge and understanding of popular Agile methodologies.
- Participants will be equipped to compare and choose the methodologies or parts of methodologies that would be most relevant to their situation.
- Participants will be armed with the requisite tools to address and lead the resolution of Agile issues in their organizations.
- Participants will be SCRUMstudy Agile Master Certified and will also be prepared to pass the PMI-ACP exam.

Takeaways

- SBOK™ (SCRUM Body of Knowledge)
- Student course workbook
- Case study booklet
- Scrum in a page
- Planning Cards
- Agile Master Certified physical certificate by SCRUMstudy
- 24 PMI®PDU's

There is no formal prerequisite for this certification. However, a SDC™ or SMC™ certified professional will be able to easily understand the concepts required for the certification exam.

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Course Outline

Introduction

Agile Overview

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

Domains of Agile Practices

- Value-Driven Delivery
- Adaptive Planning
- Team Performance Practices
- Agile Tools and Artifacts
- Participatory Decision Models
- Stakeholder Engagement
- Continuous Improvement
- Lean Kanban Software Development
 - Introduction
 - Core Values

Understanding Lean Software Development

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

Understanding Kanban

- Kanban in software development
- Kanban Values
- Kanban Practices
- Definition of Lean Kanban
- Implementing Lean Kanban

Scrum

- Overview of Scrum
- Brief History of Scrum
- Why Use Scrum?
- Scalability of Scrum
- Scrum Principles
- Scrum Aspects

- Scrum Processes
- Scrum and Kanban

Extreme Programming

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

Test-Driven Development

DSDM

- Core Values
- Roles
- Practices

Crystal

- Core Values
- Roles
- Practices
- The Process

Feature Driven Development

- Core Values
- Roles
- Practices
- The Process

Comparison of Agile Methods

Best Fit Analysis Tool

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Exam Format

- Proctored online exam
- 120 minutes, 100 questions
- Need to schedule the exam in advance using the membership account
- Can be taken only as per the allotted time-slot