



SCRUMstudy Agile Master Certified (SAMC™) Course Outline

Course Overview

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. (SAMC™) Certified Professionals should appreciate the concepts of Agile development and have the ability to compare and choose the Agile methodology appropriate in a given situation.

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

Course Details

Class Duration	3 days (21 contact hours)
Course Materials Provided	Student manual, online resources, and electronic files
Course Price	\$1,995 per participant. Special group pricing available.
PMI Course Number; PDUs	PPD6024; 21 PDUs

Prerequisites

Scrum Master Certified (SMC™) or Scrum Product Owner Certified (SPOC™) helpful, but not required.

Instructors

We hand pick our instructors to ensure you receive a top-quality educational experience. Some of our instructors have over 30 years of experience in the field, as well as years of adult education experience. We require that our instructors have a minimum of 10 years of experience in the subject matter they deliver, as well as at least three years of adult education classroom experience. Your training class is only as good as your instructor.

Our founder, Brian Salk, PhD, PMP®, PMI-ACP®, personally hires and trains all our instructors. Our instructors attend Dr. Brian's intensive train-the-trainer session, designed to help instructors deliver effective, interactive, and informative training sessions that are tailored to the unique learning styles of adult students. Dr. Brian's highly interactive teaching style is based on proven educational theory and over 30 years of practice. He has won the prestigious Worldwide Excellence in Training award four times.

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Lesson 1: Agile Overview

- Agile Defined
- Why Use Agile?
- Adaptive Project Management
- The Agile Manifesto
- Principles of the Agile Manifesto
- Declaration of Interdependence
- Differences between Waterfall and Agile

Lesson 2: Domains of Agile Practices

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

Lesson 3: Lean Kanban Software Development

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

Lesson 4: Scrum

- Overview of Scrum
- Brief History of Scrum
- Why Use Scrum
- Scalability of Scrum
- Scrum Principles
- Scrum Aspects
- Scrum Processes
- Scrum and Kanban

Lesson 5: Extreme Programming (XP)

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

Test-Driven Development (TDD)

- Introduction
- The Process

Dynamic Systems Development Methods (DSDM)

- Introduction
- Core Values
- Roles
- Practices

Crystal

- Introduction
- Core Values
- Roles
- Practices
- The Process

Feature Driven Development (FDD)

- Introduction
- Core Values
- Roles
- Practices
- The Process

Comparison of Agile Methodologies