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## SCRUMstudy Agile Master Certified (SAMC™) Self Paced Course Outline

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### 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	Self-paced learning; approximately 21 contact hours
Course Materials Provided	Student manual, online resources, electronic files, <b>and exam voucher</b>
Course Price	\$545 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.

### Learning Resources

#### Online Resources

- Comprehensive Videos
- Case Studies
- E-copy of SBOK Guide
- Important terms and concepts
- VMEdU Mobile App

Please note: you will receive access to your online resources **within one business day** of placing your order.

Pinnacle Professional Development, LLC

[www.pinnacleprodev.com](http://www.pinnacleprodev.com)

37510 Sienna Oaks Drive

New Baltimore, MI 48047

For sales information, contact Brian Salk, PhD 586-295-2519; [brian@pinnacleprodev.com](mailto:brian@pinnacleprodev.com)



## Printed Materials

- Scrum Body of Knowledge (SBOK™ Guide), which is the definitive guide for Scrum
- SAMC™ Student Workbook
- SAMC™ Chapter Test Booklet
- SAMC™ Student Case Study Booklet
- Agile One Pager
- Scrum estimation cards

Please note: based on COVID circumstances, it can take **up to two weeks** to receive your printed materials.

## Exam Format

- Multiple Choice
- 100 questions per exam
- One mark awarded for every right answer
- No negative marks for wrong answers
- 120 minutes duration
- Proctored online exam.

SCRUMstudy reports that 96% of participants pass this exam. If needed, you have up to **three** attempts to pass your exam at **no additional charge**.

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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