

Agile Expert Certified (AEC™)

SCRUMstudy AEC

Overview

Agile Expert Certified (AEC™) professionals possess a wide-ranging knowledge and understanding of the values, methods and intricacies of Agile.

The objective of this certification is to ensure that applicants have the ability to compare and choose the appropriate methodology in a given situation.

Applicants will be awarded the **Agile Expert Certified (AEC™)** certificate with 16 PDUs by SCRUMstudy after successfully passing the certification exam.

Prerequisites

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

Audience Profile

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

Syllabus

1. Introduction
2. Test-Driven Development
3. Agile Overview
 - AGILE Defined
 - Why use Agile?
 - c. Adaptive Project Management
 - d. The Agile Manifesto
 - e. Principles of the Agile Manifesto
 - f. Declaration of Interdependence
 - g. What has changed?
 - h. Difference between Waterfall and Agile
4. Scrum Overview
 - Overview of Scrum
 - Brief History of Scrum
 - Why Use Scrum?
 - Scalability of Scrum
 - Scrum Principles
 - Scrum Aspects

- Scrum Processes
- Scrum and Kanban

5. Lean Kanban Software Development

- Introduction
- Core Values

6. Understanding Lean Software Development

- Introduction
- Core Values
- c. Practices of Lean Software Development
- d. Iterative Development

7. Understanding Kanban

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

8. Domains of Agile Practices

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

9. Crystal

- Core Values
- Coles
- Practices
- The Process

10. DSDM

- Core Values
- Coles
- Practices

11. Best Fit Analysis Tool

12. Comparison of Agile Methods

Exam Format

- Multiple choice
- 100 questions per exam
- No negative marks for wrong answers

- 120 minutes duration
- Proctored online exam
- Current pass rate: 93%

Maintaining Certification

- (RCUs) 40 Recertification units every 3 years

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