

Certified Scrum Master

Advance your skills, understand and discover
the benefits of Scrum framework for Agile
product and project management

Exam and Course Outline

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Course Overview

In this constantly developing world, the requirements of IT industry keep on changing and there is a need for a nimble system that is applicable for all the projects. Scrum process is an ideal system for the projects with rapidly changing and high developing needs. With the usage of this process, the experts can easily deliver the suitable software consistently and at regular intervals of time through a project life cycle. It assures that the company's product backlog is in safe mode and is ready to go to the next level. Scrum Master assures that the projects are bugs free and must show high performance.

Certified Scrum Master Training and Certification Exam encouraged participants to grow as scrum alliance member and teaches you about the scrum values, practices and applications that furnish the professionalism. This course will also expand participant's Knowledge and skills across various industry sector and support you grow as an even better Agile practitioner.

This program also assist participant to properly make the use of Scrum methodology for their overall project's success. By attending this program, professionals demonstrates the core of Scrum knowledge to the employers and expand career opportunities by staying relevant and marketable across various industry sectors.

Certified Scrum Master Training and Certification Exam is a coordinator for an agile development team. It is a methodology that is used to manage a project efficiently. It helps in managing the process and explains how the information is exchanged. It uses the concept of sprints for its iterations. The candidates will be awarded as the Beingcert® Certified Scrum Master after passing the certification exam.

About Exam

- **Certification Body:** BeingCert
- **Exam Name:** BeingCert Certified Scrum Master
- Multiple choice questions
- **No. of questions:** 80
- **Max marks:** 80, Required marks: 56 (i.e.70%).
- **Duration:** 120 minutes

Who Should Attend

The training and certification program is ideal for those working in positions such as, but not limited to -

- Product Owner, Project Managers, Team members, managers or transition executive working on Scrum or anyone who wants to increase their knowledge and wishes to achieve a milestone in Scrum Framework.

Course Duration

24 Hours (3 Days * 8 Hours)

Course Content / Outline

Module 1: Overview of Scrum

- Scrum Overview
- Scrum Principles
- Scrum Aspects
- Scrum Processes
- Scrum Advantages

Module 2: Organization

- Core Roles (Product Owner, Scrum Master, Scrum Team)
- Non-core Roles

Module 3: Business Justification

- Responsibilities of Scrum Roles in Business Justification
- Factors used to Determine Business Justification
- Business Justification Evaluation Techniques
- Tools for Planning Value
- Continuous Value Justification
- Summary of Responsibilities

Module 4: Quality

- Quality Defined
- Acceptance Criteria and the Prioritized Product Backlog
- Quality Management in Scrum
- Quality Planning
- Continuous Integration and Sustainable Pace
- Quality Control and Quality Assurance
- Summary of Responsibilities

Module 5: Change

- Unapproved and Approved Change Requests
- Change in Scrum
- Balancing Flexibility and Stability
- Achieving Flexibility
- Changes to a Sprint
- Impact of Expected Change on the Length of Sprint
- Managing Changes through Prioritized Product Backlog Grooming
- Managing Changes During Demonstrate and Validate Sprint

Module 6: Risk

- What is Risk?
- Risks and Issues
- Risk Management Procedure
- Risk Identification
- Risk Assessment
- Risk Assessment Techniques:
- Risk Mitigation

Certified Scrum Master Training Program

- Risk Communication
- Minimizing Risks through Scrum
- Summary of Responsibilities

Module 7: Introduction to Scrum Project Phases

- Initiate
- Plan and Estimate
- Implement
- Review and Retrospect
- Release
- Inputs, Tools, and Outputs for each process in each phase

Module 8: Initiate Phase

- Process 1: Create Project Vision
- Process 2: Identify Scrum Master and Stakeholder(s)
- Process 3: Form Scrum Team
- Process 4: Develop Epic(s)
- Process 5: Create Prioritized Product Backlog
- Process 6: Conduct Release Planning

Module 9: Plan and Estimate Phase

- Process 1: Create User Stories
- Process 2: Approve, Estimate, and Commit User Stories
- Process 3: Create Tasks
- Process 4: Estimate Tasks
- Process 5: Create Sprint Backlog

Module 10: Implement Phase

- Process 1: Create Deliverables
- Process 2: Conduct Daily Standup
- Process 3: Groom Prioritized Product Backlog

Module 11: Review and Retrospect Phase

- Process 1: Convene Scrum of Scrums
- Process 2: Demonstrate and Validate Sprint
- Process 3: Retrospect Sprint

Module 12: Release Phase

- Process 1: Ship Deliverables
- Process 2: Retrospect Project

Module 13: Scaling Scrum

- Scalability of Scrum
- Transition to Scrum
- Resistance to Change
- Mapping Traditional Roles to Scrum

Module 14: Overview of Agile

- Agile Overview
- Agile Manifesto
- Agile Principles
- Agile Methods

Module 15: Scrum Roles

- Core Roles
- Non-core Roles
- Product Owner
- Scrum Master
- Scrum Team

Module 16: Phases in Scrum Project

- Initiate
- Plan and Estimate
- Implement
- Review and Retrospect
- Release
- Inputs, Tools, and Outputs for each process in each phase

Module 17: How to Scale Scrum

- Scalability of Scrum
- Scrum in Programs and Portfolios
- Scrum of Scrums (SoS) Meeting
- Transition to Scrum
- Mapping Traditional Roles to Scrum
- Maintaining Stakeholder Involvement
- Importance of Executive Support