

Scrum Master Certified

Course Duration: 16 Hours (2 Days)

Overview

The Scrum Master Certified course is a comprehensive training program designed to equip learners with a deep understanding of Scrum principles, practices, and roles. It is ideal for individuals seeking to become effective Scrum Masters or to enhance their agile project management skills. The course provides an Agile and Scrum Overview, clarifying the Agile Manifesto, principles, methods, and the distinct advantages of Scrum over traditional project management methodologies. Learners will delve into Scrum Roles, understanding the responsibilities of core roles such as the Product Owner, Scrum Master, and Scrum Team, as well as non-core roles. The course covers the Scrum Project Phases, including Initiate, Plan and Estimate, Implement, Review and Retrospect, and Release, along with the relevant inputs, tools, and outputs for each process. Additionally, the course addresses Scaling Scrum for larger projects through techniques like the Scrum of Scrums and provides strategies for maintaining stakeholder involvement and ensuring executive support. By understanding these key aspects, learners are empowered to implement and manage Scrum effectively, leading to increased efficiency and success in their projects.

Audience Profile

The Scrum Master Certified course equips individuals with comprehensive Scrum knowledge, targeting professionals seeking agile project management skills.

- Project Managers
- Scrum Masters
- Product Owners
- Agile Coaches
- Software Developers
- Team Leaders
- Testers
- Business Analysts
- IT Managers
- Development Managers
- Product Managers
- Software Engineers
- Aspiring Scrum Professionals
- Quality Assurance Professionals
- Management Professionals looking to adopt Scrum in their organization

Course Syllabus

Module 1

- Overview of Scrum
- Why Use Scrum
- Purpose of SBOK Guide
- Framework of SBOK Guide

Module 2

- PRINCIPLES
- Empirical Process Control
- Self-Organization
- Collaboration
- Value Based Prioritization
- Time Boxing
- Iterative Development

Module 3

- ORGANIZATION
- Scrum Project Roles (Product Owner, Product Owner, Scrum Master)
- Scrum in Large Projects
- Popular HR Theories

Module 4

- BUSINESS JUSTIFICATION
- Value Driven Delivery
- Importance of Business Justification
- Techniques
- Continuous Value Justification
- Confirm Benefit Realization

Module 5

- QUALITY
- Introduction
- Quality Description
- Acceptance Criteria and PPB
- Quality Management in Scrum

Module 6

- CHANGE
- Introduction
- Change in Scrum
- Integrating Change in Scrum

Module 7

- RISK
- Introduction
- Risk Management Procedure
- Minimizing Risk in Scrum

Module 8

- INITIATE PHASE
- Create Project Vision
- Identify Scrum Master and Business Stakeholders
- Form Scrum Team

- Develop EPIC
- Create PPB
- Conduct Release Planning

Module 9

- PLAN AND ESTIMATE
- Create User Stories
- Estimate User Stories
- Commit User Stories
- Identify Tasks
- Estimate Tasks
- Update Sprint Backlog

Module 10

- IMPLEMENT
- Create Deliverables
- Conduct Daily Standup
- Refine PPB

Module 11

- REVIEW AND RETROSPECT
- Demonstrate and Validate Sprint
- Retrospect Sprint

Module 12

- RELEASE
- Ship Deliverables
- Retrospect Release