

Scrum Master Training Syllabus

Module 1: Introduction to Agile and Scrum

- Agile Manifesto and Principles
- Introduction to Scrum Framework
- Scrum Values and Pillars
- Roles and Responsibilities in Scrum

Module 2: Understanding IT Projects

- Basics of Software Development
- Types of IT Projects
- Key Concepts in IT (e.g., Software Development Lifecycle, DevOps)
- Role of a Scrum Master in IT Projects

Module 3: Scrum Roles and Concepts

- Scrum Master Role and Responsibilities
- Product Owner Role and Responsibilities
- Development Team Role and Responsibilities
- Collaboration and Communication in Scrum Teams
- User Story and Acceptance Criteria

Module 4: Scrum Events

- Sprint
- Sprint Planning
- Daily Scrum
- Sprint Review
- Sprint Retrospective

Module 5: Scrum Artifacts

- Product Backlog
- Sprint Backlog
- Increment

Module 6: Planning and Estimation

- Release Planning
- Sprint Planning Techniques
- Estimation Techniques (Story Points, Planning Poker)
- Capacity Planning

Module 7: Monitoring and Reporting

- Burn-down Charts
- Burn-up Charts



- Velocity Tracking
- Progress Reporting

Module 8: Advanced Scrum Topics

- Scaling Scrum (Scrum of Scrums, Nexus, SAFe)
- Handling Distributed Teams
- Dealing with Challenges and Conflicts
- Agile Metrics and KPIs

Module 9: Basics of IT Tools and Technologies

- Overview of Common IT Tools (JIRA, Confluence)
- Basic Understanding of IT Infrastructure (Servers, Databases, Networks)
- Introduction to Version Control (Git, GitHub)
- Understanding IT Terminologies (API, Cloud Computing, Agile Testing)

Module 10: Exam Preparation and Certification

- Mock Tests and Practice Exams
- Tips for Passing the Scrum Master Certification
- Continuous Learning and Professional Development

Module 11: Case Studies and Practical Application

- Real-world Case Studies
- Hands-on Exercises and Simulations
- Role-playing Scenarios
- Group Discussions and Problem-solving Sessions

Module 12: Transitioning to IT Domain

- Understanding the IT Job Market
- Building an IT-focused Resume
- Interview Preparation for IT Roles
- Networking and Professional Growth in IT

Mock Interviews & Interview Preparations

Resume Building

After completing the course and submitting the project you will get a Training completion certificate from Brainone Tech Solutions Pvt Ltd.

Note:

- *Each session will start with a recap of the previous day and end with a quiz on what we learnt during the session*
- *Gain hands-on experience through practical exercises and real-world simulations.*

- *Receive comprehensive support for Scrum Master certification exams for a successful career path.*
- *Duration = 25 hrs*



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