Iverson Associates Sdn Bhd (303330-M)
Suite T113 – T114, 3rd Floor, Centrepoint, Lebuh Bandar Utama
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Course Outline ::SMC::

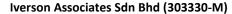| Module Title	:	SCRUM MASTER CERTIFIED
Duration	:	3 days

OVERIEW

SCRUM Master training is designed to confirm applicant's practical and working knowledge of SCRUM that equips them to handle the business aspects and stakeholders in an SCRUM environment. SCRUM Master represents the interests of the stakeholders in the SCRUM Team. Commonly called 'the voice of the customer', the SCRUM Master is responsible for ensuring clear communication of or service functionality requirements. The SCRUM Master also prioritizes the requirements from the point of view of an end user, for maximum business benefit, defines the acceptance Criteria and ensuring those criteria are met.

BENEFITS

Implementing an SCRUM project management practice improved their ability to manage changing priorities. SCRUM is perfect for any project that requires a series of versions or iterations that need to be reviewed and improved on until the final is ready for prime time. For example, instead of waiting six months for a deliverable that is either flawed or no longer meeting the current requirements, SCRUM lets you produce a first draft within as little as two weeks (or less) for immediate feedback—and from here you can improve upon each version until it's complete. There are a lot more benefits to using SCRUM.

- SCRUM is evolutionary, giving teams an opportunity to learn with each new iteration or draft
- SCRUM lets teams deliver a prototype and improve upon it with every cycle
- Teams can manage shifting priorities more effectively
- This fast and flexible process increases activity
- SCRUM supports regular and collaborative troubleshooting
- The inherent collaborative nature of SCRUM improves project visibility
- SCRUM helps teams and individuals effectively prioritize work and features
- Teams can anticipate incoming project changes
- Teams can make quick-course corrections based on stakeholder feedback
- Teams can prototype a solution or process for the next version of the project
- Stakeholders and clients can provide feedback as the project evolves—without holding the project up (because the feedback is part of the process)
- Teams get rapid feedback from each version or iteration

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Course Outline ::SMC::

- Empowers project teams to work creatively and effectively

COURSE OUTLINE

Module 1 – Introduction to SCRUM Methodology

- Core SCRUM Concepts Overview
- Traditional Project Management Methodologies
- Drawbacks of Waterfall Methodologies
- SCRUM Approach
- SCRUM and Traditional Project Management
- Choice of Methodologies/Frameworks
- Importance of All Stakeholders Sharing an SCRUM Perspective
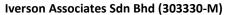
Module 2 - The SCRUM Manifesto

- The SCRUM Manifesto Overview
- Manifesto Contributors
- Manifesto Values
- Declaration of interdependence
- Traditional vs. SCRUM project management

Module 3 – SCRUM Master Overview

- Planning in scrum
- SCRUM Framework
- SCRUM Flow
- Master roles

Module 4 – SCRUM Master at Initiation Phase

- Create project vision
- Identify SCRUM coach and SCRUM team stakeholder(s)
- Form SCRUM team
- Develop epic(s)
- Create prioritized backlog
- Personas and Extreme Personas

- Story Maps
- Estimating Stories
- Prioritizing Stories
- Create Backlog
- Create Roadmap

Module 5 – SCRUM Master at Planning Phase

- Conduct release planning
- Plan and Estimate Phase
- Create user stories
- Approve, estimate, and commit user stories
- Create tasks
- Estimate tasks
- Create sprint backlog

Module 6 - SCRUM Master at Execution Phase

- Iterations/Sprints Overview
- Velocity Determination
- Iteration Planning Meeting
- Iteration Planning Guidelines
- Development
- Testing
- Groom prioritized backlog

Module 7 - SCRUM Master & SCRUM Team

- Daily Standup Meetings
- Progress Tracking
- Velocity Tracking
- Burndown and Burnup Charts
- Cumulative Flow Diagrams
- Kanban Charts

- Backlog Grooming, Sprint Reviews, Closing
- Sprint Release
- Retrospectives
- Releasing resources
- Final reports
- Archiving documents

Module 8 - SCRUM Master at Review and Retrospect Phase

- Convene SCRUM of SCRUM
- Perform Retrospect Discussion & Review
- Role of Master during Retrospect
- Demonstrate and validate sprint
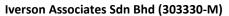- Retrospect sprint
- Release Phase

Module 9 - SCRUM Master at Closure

- Ship deliverables
- Retrospect project
- Importance of Value
- Practices for value-driven delivery
- Risk management
- Risk-adjusted backlog
- SCRUM Implementation
- Scalability of SCRUM Mastership
- Transition to SCRUM Mastership

SCRUM Master Exam Preparation

Module 11 – Revision of Lessons, Exam Guidelines and Mock Exam Practices

- Revision of all SCRUM Master modules
- Case Study Exercises
- Instructions and Exam Guidelines

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Course Outline ::SMC::

- Do's & Don't for Exam
- Tips & Techniques for Passing Exam
- Mock Exam Practices and Answer Review
- Q & A

NOTE

Activities on high team interaction and role-plays will be incorporated during training session with all participants to further facilitate and strengthen candidates understanding on SCRUM Master concepts and SCRUM methodology in an overall manner.