

## [ISMPC]: iSQI Scrum Master Pro Certification

Length : 2 Days  
Delivery Method : Instructor-led (Classroom)

### Course Overview

Over the past few years, Agile has quickly risen to prominence as organisations strive to realise value quicker by adopting its rapid iterative approach. The iSQI Scrum Master Pro is designed to immerse students in the fundamental principles of Scrum, allowing them to implement best practice and avoid falling into bad habits that can significantly impact project delivery, quality, and cost.

The course provides an understanding of the Scrum philosophy and principles, practical knowledge of Scrum, including roles, meetings and artifacts. It also prepares students to confidently apply Scrum methodology in their organisations as a way of managing issues and roadblocks.

### Audience Profile

- Testers, BA's and Team Leaders looking to take a step up in their career in Agile.
- Project Managers looking to further improve their skills in Agile project work.
- Agile Project Managers looking to formally accredit their skills at the more senior Practitioner level.

### At Course Completion

- Have the tools effectively work within a Scrum team and environment.
- Be able to recognise, define, and work within the concepts of the Scrum framework.
- Be prepared for the role of Scrum Master in their organisations.
- Be able assist their organisations in adopting Scrum frameworks and methodologies.
- Have the tools to address, resolve, and take the lead on Scrum issues in their projects.
- Have the knowledge required to sit the International Scrum Master Accredited Certification exam.

### Assessment

This exam is conducted online, containing 40 questions and you have 60 minutes in a single session to answer all of the questions. After completing the course, you can take this 'FLEX' Exam any time within a year of course registration. In order to pass the examination and to obtain your iSQI Scrum Master Pro Certification you need to correctly answer at least 65% of the questions.

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## Course Outline

### Module 1: What is Scrum?

#### Lessons

- What is Scrum?
- What is Agile?
- What makes traditional models fail?
- History and background of Agile
- Agile Manifesto
- Twelve Principles of Agile
- Common Attributes of Agile
- What makes Scrum successful?
- What Agile is not?

### Module 2: Scrum Methodology

#### Lessons

- Overview of Framework and Ceremonies
- Attributes of Scrum
- Scrum Values
- Scrum core practices
- Typical Scrum artefacts
- Typical Scrum ceremonies
- Scrum teams
- Roles and responsibilities
- Balanced set of skills
- Time Boxing and Time Boxed development
- Velocity

### Module 3: User Stories

#### Lessons

- What are User Stories
- Format and content of user stories
- Techniques for gathering user stories
- Epics
- Acceptance criteria
- Story Reviews
- Story Estimation (Poker Planning)
- Story Prioritisation

### Module 4: Scrum Planning

#### Lessons

- Release Planning
- Adaptive planning
- Sprint planning
- Back log
- Taskboards (Scrumboards)

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- Spikes
- Burn down charts (Release and Sprint)
- Definition of Done
- Scrum for large projects
- Scrum Methods and Enterprise Projects
- Multi-team co-ordination / planning

## **Module 5: Sprint**

### **Lessons**

- Design
- Development
- Testing
- Debt
- Tools and Automation
- Daily Scrum

## **Module 6: Sprint Review and Retrospective**

### **Lessons**

- Sprint Review
- Retrospective and Continuous Improvements

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