

[ICAE]: iSQI Certified Agile Essentials

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

Course Overview

This international certification course is of value to the whole project team, covering the essential aspects of working in an Agile environment. It provides practical examples and exercises that enable key Agile concepts to be translated into your day-to-day role.

Certified Agile Essentials is a great course for teams transitioning to Agile or to individuals wanting to become familiar with Agile team work. That includes developers, business analysts and software testers. Additionally, senior project personnel such as project managers and IT directors will benefit from this course, gaining a solid grounding in Agile techniques.

For Agile testers, this course can act as a stepping stone towards advanced qualifications – the Certified Agile Tester and specialist modules.

Build confidence in Agile and demonstrate best practice Agile methods that can be applied in your Agile project work.

Audience Profile

- Developers, business analysts and testers wanting to become familiar with working in an Agile environment.
- Senior project personnel such as project managers and IT directors wanting a solid grounding in Agile techniques.
- Agile testers seeking a stepping stone towards the more advanced Certified Agile Tester qualification.
- Anyone involved in software projects wanting to accredit their Agile skills for recognition among employers, clients and peers.

At Course Completion

- Value the principles behind the agile manifesto and its approach to software development.
- Understand the roles within an agile team for Release and Iteration planning.
- Learn how to contribute as an agile team member to high quality requirements.
- Apply a testing methodology to ensure that acceptance criteria are met.
- Appreciate the importance of effective Iteration Reviews and how to contribute to continuous improvement through Retrospectives.

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Assessment

Candidates are required to sit a one hour, 40 question multiple choice examination designed to evaluate a candidate's knowledge, understanding and ability to apply Agile techniques and concepts included in the Certified Agile Essentials syllabus. Candidates are required to score 26 or more correct answers to pass. Each question will be worth one mark.

Course Outline**Module 1: Training/Exercises****Lessons**

- Agile Manifesto
- Agile Principles
- How these apply to your role
- What is not Agile

Module 2: Training/Exercises**Lessons**

- Generic Agile Process
- Scrum Process
- Release Planning
- Iteration Zero
- Taskboard

Module 3: Training/Exercises**Lessons**

- Iteration Planning
- Estimation
- Adaptive Planning

Module 4: Training/Exercises**Lessons**

- Requirement Specification
- Requirement Review
- Code Review
- Daily Stand-up

Module 5: Training/Exercises/Practical**Lessons**

- Team Quality
- Definition of Done
- Iteration Testing
- Acceptance Criteria
- Pairing
- Pragmatic Programming
- Continuous Integration
- Version Management

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- Defect Management

Module 6: Training/Exercises

Lessons

- Iteration Review (Showcase)
- Carry-out Iteration Review

Module 7: Training/Exercises

Lessons

- Retrospective
- Conduct Retrospective

Module 8: Exercise: How does what you have learnt relate to these?

Lessons

- Agile Manifesto
- Agile Principles
- Examination Preparation

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