



Certified Scrum Developer

Course Overview

The **Certified Scrum Developer**[®] provides you with a deep understanding of Scrum through the Agile software engineering practices that are expected from Scrum teams. The training emphasizes hands-on learning through simulations, practical exercises and reflection.

The course is taught using an iterative and incremental approach, whereby the same ideas and principles are revisited repeatedly within the context of various roles and technical and non-technical facets of software delivery.

Objectives

Upon successful completion, delegates will earn the technical requirements for the Scrum Alliance Certified Scrum Developer[®] (CSD) designation. With over 350,000 members, the Scrum Alliance is the most established and widely recognised Agile certification authority and network of Agile practitioners in the world.

Who should attend

This course is for anyone seeking first-hand experience of the software engineering techniques that are essential for Scrum teams to succeed. This includes technical business analysts, Scrum Masters, project managers, developers, technical testers, and architects.

Prerequisites

Delegates are expected to have basic knowledge of object-oriented programming as well as at least 1 month of hands-on experience with an object-oriented programming language for example C# or Java.

Related Certifications

This Certified Scrum Developer[®] course satisfies the *technical requirements* of the Scrum Alliance's Certified Scrum Developer[®] qualification. For candidates who do not hold the Certified ScrumMaster[®] qualification an additional 2 days of training will be required. These are delivered as part of our 5-day Certified Scrum Developer[®] Comprehensive course.

The CSD also provides attendees with 24 Scrum Education Units (SEU) which will count towards other Scrum Alliance certifications.

Course Outline

On completion of the Certified Scrum Developer[®] course, delegates will be able to:

- Distinguish between Scrum and Agile practices introduced by other Agile methods
- Apply Extreme Programming techniques
- Apply the principles and values of the Agile Manifesto to new situations
- Apply Test Driven Development and Behaviour Driven Development techniques
- Design and set up Continuous Integration
- Apply Agile techniques to large projects involving distributed teams
- Quantify code quality and apply refactoring
- Extend Agile principles to software architecture

This course follows the Scrum Alliance Certified Scrum Developer[®] syllabus. The hands-on approach to this course ensures that, more than 80% of this course is comprised of labs and technical exercises.

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