



Course Outline – Agile Scrum Foundation

The Agile way of thinking is best known in the field of software development, but the principles are increasingly being applied in other types of projects. Scrum is the most used Agile methodology and is suitable for all professionals looking to keep their knowledge up to date with the latest developments in the fields of IT and project management, particularly those leading or participating in projects. In particular, the certification is suitable for professionals working in the areas of project management, software development, IT service management, and business management. This certification is highly recommended before starting a Scrum project.

EXIN Agile Scrum Foundation shows a candidate's knowledge of Agile principles and the Scrum framework. Agile and Scrum are about working together to successfully reach the goal. Agile principles are popular in software development and are increasingly being used in other areas. The Scrum framework includes establishing cross-functional and self-managing teams, producing a working increment of software at the end of each iteration or Sprint.

The course consists of 3 days of instructor-led training and 60 hours of self-study exam preparation.

Objectives

After taking this course, you should understand the following Agile Scrum concepts:

- The Agile way of thinking
- Scrum practices
- Scrum planning and estimation
- Monitoring Scrum projects
- Advanced Scrum concepts

Course Outline

Agile Way of Thinking

- Concepts of Agile and Scrum
 - Recognise how transformation to an Agile environment works
 - Recognise how Agility brings value, predictability and flexibility
 - Describe the Agile manifesto
 - Recognise Agile methods and practices other than Scrum

Scrum Practices

- Scrum Roles
 - Explain the Product Owner role
 - Explain the Scrum Master roles
 - Explain the role of the Development Team
 - Recognise the role of a traditional Project Manager

- Scrum Events
 - Explain the characteristics of timeboxed events
 - Explain the characteristics of Sprints
 - Explain the characteristics of the Daily Scrum
 - Explain the characteristics of the Sprint Review and the Sprint Retrospective
- The Importance of the Backlog
 - Explain the characteristics of a good Product and Sprint Backlog
 - Recognise good User Stories and Backlog items
 - Explain how to refine the Product Backlog items
- Definition of Done
 - Explain the importance of a good Definition of Done

Scrum Planning and Estimation

- Scrum Planning
 - Explain what happens during Sprint Planning meetings
 - Understand the rituals and importance of the Daily Scrum
 - Understand how to determine the duration of a Sprint
- Scrum Estimation
 - Explain the estimation techniques: Planning Poker, triangulation and Affinity Estimation
 - Understand how to compute estimates using Ideal Days or Story Points

Monitoring Scrum Projects

- Scrum Monitoring
 - Understand Burn-Down charts
 - Understand how to monitor Sprint progress
 - Understand how to compute the Velocity of the team
 - Understand Kanban boards
 - Understand the concept and value of information radiators

Advanced Scrum Concepts

- Scrum in Different Situations
 - Recognise how to apply Scrum in large, complex projects
 - Recognize how to apply Scrum with distributed teams
 - Understand the different types of contracts in Scrum
 - Understand how to create an Agile workspace

Who Should Attend?

The EXIN Scrum Foundation course is suitable for professionals working in the areas of: project management, software development, IT service management, and business management.

Pre-requisites

Knowledge of Agile, Lean and/or IT Service Management, for instance through the EXIN Agile Scrum Foundation exam, LITA Lean IT Foundation exam or EXIN IT Service Management Foundation based on ISO/IEC 20000 exam, is recommended.

Associated certifications

- Agile Scrum Foundation

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