

# SCRUM FUNDAMENTALS (CM-SFC)

## Syllabus

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Our goal at CertMind is to certify the skills of professionals who perform in the context of Technology. To achieve this, we seek to ensure that professionals demonstrate their skills and knowledge by applying an International Certification Exam.

The purpose of the **Certification in Scrum Fundamentals** is to demonstrate that the professional has a practical understanding of the basic concepts, terminology, structure and practices of Scrum, in addition to understanding the workflow of this agile methodology.

### Who should take this test?

This exam is ideal for people or teams involved in product development or software development projects, interested in adopting Scrum-based agility best practices.

Roles such as: IT staff, software engineers, application and product developers, managers and project leaders, project team members.

### Certification Exam Format

- **Type:** 40 question exam, multiple choice and single answer.
- **Running time:** 60 minutes.
- **Minimum score to approve:** 28/40 or 70%.
- **Additional time:** If the professional does not take the exam in their native language, they will have an additional 15 minutes and is also allowed to use a dictionary.
- **Pre-requis:** It is highly recommended that the professional attend a formal Scrum training and be familiar with project terminology.
- **Supervision:** Yes.
- **Open book:** No.
- **Mode:** Available online only.
- **Renewal of certification:** Yes. It takes 10 PUC's (Professional Update Credits) every 5 years for certification renewal.



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In order to ensure that the professional has the minimum skills and knowledge that can be applied in a real environment, the review addresses the following topics:

### Module 1: Agility

In this module, the professional must demonstrate his knowledge in the basic concepts, context and motivators of agility, in addition to clearly understanding his approach and use.

- 1.1. History, contextualization and basic concepts of agile project management
- 1.2. Agile methodology and traditional project methodology
- 1.3. The agile manifesto: agile premises and principles
- 1.4. Considerations of agile methodologies and their implementation

### Module 2: Scrum Team

In this module, the professional must understand the roles, values, and structure of the Scrum team.

- 2.1 Scrum Team Considerations
- 2.2 Product Owner Role
- 2.3 Role of Scrum Master
- 2.4 Development Team role
- 2.5 Scrum Team Values

### Module 3: Scrum Events

In this module, the professional must clearly understand the events in Scrum, their goals and their considerations to execute them.

- 3.1 The Sprint
- 3.2 The Sprint planning meeting
- 3.3 The daily Scrum
- 3.4 The Sprint review meeting
- 3.5 The Sprint Retrospective Meeting



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### Module 4: Artifacts

In this module, the professional must understand the structure, objective and responsibilities on each of the artifacts managed in Scrum.

- 4.1 The Product Backlog
- 4.2 The Sprint Backlog
- 4.3 Information issuers
- 4.4 The registration of impediments

### Module 5: Scrum Principles

In this module, the professional must understand the purpose of each of the Scrum principles, and its importance to ensure a successful adoption of Scrum.

- 5.1 Empirical process control
- 5.2 Self
- 5.3 Simplicity
- 5.4 Focus on customer value
- 5.5 Iterative development

### Module 6: Agile project Lifecycle

In this module, the professional must understand the life cycle of an agile project based on Scrum, and the objective of the practices that compose it.

- 6.1 Start of the project
- 6.2 Project planning
- 6.3 Sprint development
- 6.4 Sprint review
- 6.5 Implementation
- 6.6 Closing the project

