

SCRUM MASTER (CM-SMC)

Syllabus

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 **Scrum Master Certification** is to demonstrate that the professional has good mastery of Scrum's terminology, structure and practices, as well as having the skills to drive Scrum's adoption in work teams.

Who should take this test?

This exam is ideal for individuals or teams interested in driving the adoption of Scrum-based agility best practices.

Roles such as: IT staff, IT architects, business analysts, project managers and leaders, developers and system integrators, team leaders.

Recommended training time

20 hours, segmented into 5 sessions of about 4 hours.

Certification Exam Format

- **Type:** 80 question exam, multiple choice and single answer.
- **Running time:** 90 minutes.
- **Minimum note to approve:** 56/80 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 preferably have experience in project management..
- **Supervision:** Yes.
- **Open book:** No.
- **Mode:** Available online only.
- **Renewal of certification:** Yes. It takes 20 PUC's (Professional Update Credits) every 3 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: Principles and Values

In this module, the professional must clearly understand the importance of Scrum principles for the adoption of Scrum; and the importance of values within team Scrum.

- 2.1 Contextualization of Scrum principles
- 2.2 Empirical process control
- 2.3 Self
- 2.4 Simplicity
- 2.5 Focus on customer value
- 2.6 Iterative development
- 2.7 Scrum Team Values

Module 3: Scrum Roles

In this module, the professional must clearly understand the importance and responsibility of Scrum Master's role in the team and in the organization.

- 3.1 Role of Scrum Master
- 3.2 Scrum Master's Responsibilities
- 3.3 Value of the Scrum Master in Team Scrum
- 3.4 Value of the Scrum Master in the organization



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Module 4: Scrum Events

In this module, the professional must demonstrate that he has good mastery over the considerations for executing Scrum events, as well as understanding the importance of the Scrum Master's role in each event.

- 4.1 The Sprint
- 4.2 The Sprint planning meeting
- 4.3 The daily Scrum
- 4.4 The Sprint review meeting
- 4.5 The Sprint Retrospective Meeting

Module 5: Artifacts

In this module, the professional must demonstrate that he has a good mastery in the management of Scrum artifacts, in addition to understanding the responsibility of the role of the Scrum Master in the management of each artifact.

- 5.1 The Product Backlog
- 5.2 The Sprint Backlog
- 5.3 Information issuers
- 5.4 The registration of impediments

Module 6: Considerations for Agile Project Management

In this module, the professional should understand the considerations to consider for managing agile Projects based on Scrum.

- 6.1 Recruitment for the project
- 6.2 Project finance
- 6.3 Project supplier management
- 6.4 Monitoring and control of the project
- 6.5 Risk management in the project
- 6.6 Project change management



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Module 7: Lifecycle of Agile Projects

In this module, the professional demonstrate must that he has good mastery of the life cycle of a Scrum-based project, including the practices that compose it; and responsibility for the role of Scrum Master.

- 7.1 Start of the projectOr
- 7.2 Project planning
- 7.3 Sprint development
- 7.4 Sprint review
- 7.5 Implementation
- 7.6 Closing the project

