

SCRUM DEVELOPER (CM-SDC)

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 Developer Certification is to demonstrate that the professional has a practical understanding of scrum's basic concepts, terminology, structure and practices, as well as having the necessary technical skills in an agility environment.

Who should take this test?

This exam is ideal for people or teams involved or familiar with Scrum Equipment and who want to develop technical skills for product development.

Roles such as: IT staff, software engineers, application and product developers, IT architecture, business analysts, developers and system integrators.

Recommended training time

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

Certification Exam Format

- **Type:** 60 question exam, multiple choice and single answer.
- **Running time:** 75 minutes.
- **Minimum note to approve:** 42/60 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 Developer training and preferably be familiar with product/software development.
- **Supervision:** Yes.
- **Open book:** No.
- **Mode:** Available online only.
- **Renewal of certification:** Yes. It takes 10 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 the Development Team role in the project.

- 3.1 Development Team role
- 3.2 Development Team responsibilities
- 3.3 Value of the Development Team in team Scrum
- 3.4 Development Team's technical skills



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Module 4: Scrum Events

In this module, the professional must clearly understand the considerations for executing Scrum events; and understand the importance of the Role of the Development Team 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 clearly understand the structure and purpose of Scrum artifacts; and understand responsibility for the Role of the Development Team in managing each artifact.

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

Module 6: Agile Project Lifecycle

In this module, the professional must clearly understand the life cycle of a Scrum-based project, including the practices that make up it; and responsibility for the role of The Development Team.

- 7.1 Project planning
- 7.2 Sprint development
- 7.3 Sprint review
- 7.4 Implementation
- 7.5 Closing the project

