Scrum Master

Syllabus

Module 1: Introduction to Scrum and Agile Principles

Learn the fundamentals of Agile methodologies and the Scrum framework, including its history, principles, and core values.

Topic: Introduction to Scrum and Agile Principles

- Overview of Agile methodologies

- History and evolution of Scrum - Key principles and values of

  Scrum

Topic: Scrum Framework

- Scrum roles: Product Owner, Scrum Master, Development Team

- Scrum events: Sprint, Sprint Planning, Daily Scrum, Sprint Review, Sprint Retrospective

- Scrum artifacts: Product Backlog, Sprint Backlog, Increment

Topic: Scrum Roles and Responsibilities

- Detailed responsibilities of the Scrum Master

- How the Scrum Master supports the Product Owner and Development Team

- Facilitating Scrum events and removing impediments

New AI Module 2: AI-Driven Scrum Master

How to use AI (ChatGPT, Microsoft Copilot & Deepseek) to solve business problems

Topic: AI in Excel

- **Data Analysis and Insights**

- Analyze Data

- Power Query

- Forecasting

- Data Types

- Dynamic Array Functions

- Natural Language Queries- Insert Data from Pictures

Topic: AI in PowerPoint

- **Data Analysis and Insights**

- Design Ideas

- Smart Formatting

- Content Generation

- Visual Enhancements

- Data Visualization

- AI-Powered Presentation Makers

Module 3: Scrum Team Management

Understand how to manage Scrum teams effectively, conduct ceremonies, and develop core competencies as a Scrum Master.

Topic: Scrum Ceremonies and Artifacts

- Conducting effective Sprint Planning sessions

- Running productive Daily Scrums

- Facilitating Sprint Reviews and Retrospectives

- Managing and refining the Product Backlog

Topic: Core Competencies of a Scrum Master

- Servant leadership and coaching

- Conflict resolution and team dynamics

- Effective communication and facilitation skills

Module 4: Practical Applications of Scrum

Apply Scrum principles in real-world scenarios, including scaling Scrum for larger projects and preparing for certification.

Topic: Practical Applications of Scrum

- Implementing Scrum in different environments

- Scaling Scrum for large projects

- Using Scrum with other Agile methodologies

Topic: Preparation for the CSM Exam

- Study tips   and resources

- Practice   questions and mock exams

- Understanding the certification process