



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 tutorials in programming and Prompt engineering in chatgpt:

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

Topic: For Full Stack Development

- How To Use AI To Learn For Developers
- AI-Powered Code Generation and Debugging
- AI Prompts for Enhanced User Interfaces (front end Designs)
- Prompts For Learning To Code
- AI Prompting Practice
- AI-Powered Frameworks and Libraries
- AI Prompting CheatSheets

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