

Duration: 2 days

Description

Agile project management is as radically different from traditional project management as Agile processes are different from traditional methodologies. Rather than planning, controlling, and managing, the Agile project manager acts as a facilitator, mentor, and leader within self-organized teams.

Scrum, one of the most common Agile approaches and certainly the one arousing people's interest, is a project management framework offering a limited set of organizational practices and simple rules. Without being prescriptive, and when it is used with discipline and courage, Scrum allows you to significantly increase the productivity of software development teams almost instantly.

Objectives

The **ScrumMaster certification** provides all the items you need to begin with Scrum. In the Scrum nomenclature, the project manager is called ScrumMaster in order to note the difference with the traditional project leader in terms of responsibility and leadership. The participants learn, through practical exercises and group discussions, to use the ScrumMaster tools that help development teams or their organization to change their work habits and perceptions.

The **ScrumMaster certification** is a two-day course. It is using both lecture and interactive methods. Participants will have the opportunity to discuss with an expert who actively participates to the implementation of Scrum within development teams.

Target audience

This course is intended for managers, product owners, and project managers wishing to deliver applications with short development cycles while minimizing risks related to software development. It is also intended for architects, developers, and quality assurance specialists wishing to discover a process that is easy to implement and includes all the benefits of Agile iterative development.

Content

- ✘ Scrum's values and fundamentals
- ✘ Agile project management approach (empirical model vs. predictive model)
- ✘ Project management with Scrum, an incremental process
- ✘ Stakeholders' roles and responsibilities
- ✘ ScrumMaster's role
- ✘ Estimation and planning
- ✘ Self-organization in development teams
- ✘ Meetings
 - Iteration planning
 - Daily scrum
 - Iteration retrospective
- ✘ Inspt
- ✘ Release management (release plan) and progress tracking
- ✘ Client collaboration
- ✘ Agile project management in large-scale projects
- ✘ Agile engineering practices
- ✘ Distributed development and management of external teams
- ✘ Scrum vs. Extreme Programming (XP)

Several hands-on exercises, case studies, and examples are integrated throughout the course to help participants master Agile project management concepts with Scrum.