Course : Agile Methods, understanding and applying Kanban

Practical course - 3d - 21h00 - Ref. AKA
Price : 2100 € E.T.

★★★★ **4 / 5**

Kanban, a method originally used in Japanese industry to "right-size" inventories, is increasingly used to improve processes or manage IT projects and pull products. This course will help you understand the roles, tools and practices associated with this method.

🎯 Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Know the fundamental principles of Kanban.
- ✓ Understand what a Kanban system is.
- ✓ Master the tools associated with Kanban for IT.
- ✓ Helping a team adopt Kanban.
- ✓ Interfacing different Kanban systems to improve links between businesses.

Intended audience

Project directors, decision-makers, project managers, developers, managers, product managers, IT managers, project managers, quality managers.

Prerequisites

Project management skills.

Course schedule

PARTICIPANTS
Project directors, decision-makers, project managers, developers, managers, product managers, IT managers, project managers, quality managers.

PREREQUISITES
Project management skills.

TRAINER QUALIFICATIONS
The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS
The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.
Participants also complete a placement test before and after the course to measure the skills they've developed.

1 Kanban compared with other approaches.

- History and positioning of Kanban.
- Agile, Scrum, XP, Lean, CMMi, Waterfall? Where and how should Kanban be positioned in relation to these other approaches?
- IT: where and how to position Kanban?
- Products, projects, processes, TMA: where and how to position Kanban?

Hands-on work
Pull flow.

2 Implementing a Kanban system

- Concepts. Overview of a Kanban system.
- Visual management tools.
- Key roles, events and meetings.
- Kanban tools: work limit, Cumulative Flow Chart, definition of process rules, pull flow, etc.
- The different elements of Kanban.

Hands-on work
Implementation of visual management elements with Kanban.

3 Implementing a kanban system, as part of a team

- How to create maximum value using Kanban.
- Kanban implementation: work limits, pull flow, emergency management, etc.
- System supervision and planning with [Cumulative Flow Chart ".
- But where are the estimates?

Role-playing
Kanban game implementing the main elements of a Kanban.

4 Main practices related to the Kanban system

- Expressing needs in Kanban.
- Value creation mapping and efficiency. Value Stream Mapping ".
- Daily and recurring meetings.
- Continuous improvement meetings.

Exercise
Process mapping and value improvement.

5 Understanding Kanban management and change management

- Leadership with Kanban.
- Organizing management with Kanban. Key points.
- Team empowerment. Pull flow systems.
- Kanban in the company. Large-scale change management.

Group discussion
The notion of leadership. A workshop on the role of leaders in a Kanban system.

(6) Advanced Kanban integration

- Bottleneck analysis and constraint management.
- Advanced use of "Cumulative Flow Chart" and other metrics.
- Integration of Kanban with other agile tools and frameworks.

Case study
Analyzing real-life situations and solving complex problems with Kanban.

(7) Kanban for project portfolio management

- Strategies for managing project portfolios with Kanban.
- Team coordination and multi-project management.
- Resource prioritization and management.

Case study
Implementation of a Kanban system for a fictitious project portfolio.

(8) Culture and Kanban

- Create a culture of transparency and continuous improvement.
- Engaging and motivating teams in a Kanban environment.
- Conflict resolution and cultural change management.

Role-playing
Development of an action plan to foster a Kanban culture in your organization.

(9) Feedback and personal action plan

- Feedback and best practices.
- Drawing up a personal action plan for implementing Kanban in a professional context.

Group discussion
Personal action plan and feedback.

Dates and locations

REMOTE CLASS
2026 : 13 Apr., 8 June, 23 Sep., 2 Dec.

PARIS LA DÉFENSE
2026 : 1 June, 16 Sep., 25 Nov.