

Course : Agile Methods, understanding and applying Kanban

Practical course - 3d - 21h00 - Ref. AKA

Price : 2470 CHF 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.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

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.