

Kanban System Design (KSD)

Duration: 2 Days

Course Description:

The Kanban System Design Certification Training will start by developing and visualizing a common understanding of the current way of working. We look at how things are working and where there are sources of dissatisfaction. Then, improvements are identified and introduced. The Kanban System Design course provides the foundational background of The Kanban Method. Then it guides the students through understanding their systems so they can design an appropriate Kanban system to meet their needs.

By understanding the core concepts of The Kanban Method, you will be able to design a Kanban system to improve visibility, communication, and collaboration within your team.

Target Audience:

If you will be directly involved in designing and managing a Kanban system, you will certainly want to take the Kanban System Design course. You may still want to take the Team Kanban Practitioner course first if you feel that you are very new to Kanban and to Kanban concepts. It really depends on your starting point and goals.

All experience levels are welcome! No previous Kanban training or experience is required.

Course Objectives:

- Understand the basics, motivation, and benefits of The Kanban Method.
- Experience flow in a simulation of a Kanban system.
- Learn how to run the Kanban meetings to focus on the work and allow the team to organize around it.
- Build and design a Kanban system using the STATIK approach.
- Become faster and more responsive, with better risk management and governance.
- Understand "Pull" systems and how they help reduce overburdening.
- Learn how to utilize key metrics such as Lead Time, Run Charts, and Cumulative Flow Diagrams to make continuous improvements.

Course Outlines:

Introduction to Kanban & Systems Thinking

- Understand the origins and core principles of Kanban
- Learn how to view work as a flow system, not just tasks
- Discover how systems thinking improves team performance
- Explore real-world examples of successful Kanban implementation

Visualizing Your Work

- Figure out how to make a Kanban board from the ground up
- Find different kinds of work, like fixed date, standard, and intangible.
- Sort and map your tasks so you can see them all.
- Spot hidden inefficiencies and blockers in your current process

Limiting Work-In-Progress (WIP)

- Learn why doing more than one thing at a time makes you less efficient.
- Find out how to set useful WIP limits
- Look into ways to keep things moving and avoid getting too busy.
- Use WIP limits to help you stay focused and get things done.

Managing Flow

- Learn how clear working agreements improve teamwork
- Set rules for when to start and stop each step of the workflow.
- Make sure everyone on the team is on the same page and knows what's going on.
- Talk about some good Kanban policies.

Designing a Kanban System

- Use STATIK (Systems Thinking Approach to Introducing Kanban)
- Analyze demand and capability
- Map workflow and identify improvement opportunities
- Design a Kanban system tailored to your team or organization

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