

KANBAN SYSTEM DESIGN



T W O
D A Y
C O U R S E

Learn to Design Kanban Systems

With Kanban, we start by developing and visualizing a joint 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 and then guides the students through the process of 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.



Yes We

K
A
N
B
A
N

Is Kanban System Design the Right Course for Me?

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.

If you currently work with teams that have “plateaued” and aren’t improving, this course will help you to design visualizations that show where improvement opportunities exist.




Kanban
University


IMPROVE VISIBILITY,

COMMUNICATION, AND COLLABORATION WITHIN YOUR TEAM

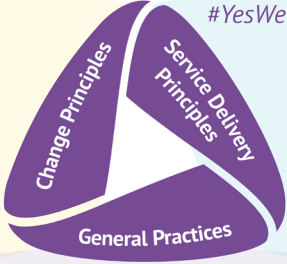
Learn the Foundations of The Kanban Method



THE KANBAN METHOD



#YesWeKanban



1. START WITH WHAT YOU DO NOW

- Understanding current processes, as actually practiced
- Respecting existing roles, responsibilities & job titles

2. GAIN AGREEMENT to pursue improvement through evolutionary change

3. ENCOURAGE ACTS OF LEADERSHIP at all levels

1. UNDERSTAND AND FOCUS on the customer's needs and expectations

2. MANAGE THE WORK; let workers self-organize around it

3. REGULARLY REVIEW THE NETWORK and its policies to improve outcomes

VISUALIZE Show work and its flow. Visualize risks. Build a visual model that reflects how you work.

LIMIT WORK IN PROGRESS Stop starting, start finishing! Left yields to right. Limit work in the system to available capacity. Data-driven.

MANAGE FLOW Flow is the movement of work. Manage flow to be smooth and predictable. Use data.

MAKE POLICIES EXPLICIT Have agreed policies, visible to everyone involved.

- Pull Criteria
- WIP Limits
- Classes of Service
- And others as appropriate

ESTABLISH FEEDBACK LOOPS Establish feedback loops at an appropriate cadence. Foster collaboration, learning, and improvements. Data-driven.

IMPROVE COLLABORATIVELY, EVOLVE EXPERIMENTALLY Using the scientific method. Hypothesis-driven change. Run safe-to-fail experiments.

COLLABORATION · UNDERSTANDING · LEADERSHIP

CUSTOMER FOCUS · TRANSPARENCY · WORKFLOW · AGREEMENT · BALANCE · RESPECT

Yes We KANBAN

All participants will receive a certificate of completion for the Kanban System Design course. Students completing this course and the Kanban Systems Improvement course receive the Kanban Management Professional (KMP) credential.



Use the Systems Thinking Approach to Introducing Kanban (STATIK) to Design your Kanban System

What You Will Leave With

- 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.

