

Certified Kanban Systems Design (KMP 1)

Course Overview

The Kanban Systems Design [KMP1] (also known as Certified Lean Kanban Foundation) lays the foundations of the Lean Kanban method teaching you the principles, practices and processes. This 2-day course is certified by the Lean Kanban University and has been put together by Lean Kanban experts and leaders including David J. Anderson and Mike Burrows.

Who will this course benefit?

Kanban works across multiple functions of an organisation, from senior members of staff looking to adopt Lean Management to members of delivery teams willing to improve their working practices. Previous KMP1 attendees have been in roles such as senior managers, programme and project managers, product managers, product owners, business analysts, scrum team members, scrum masters, team leads, change agents, product and software developers and testers as well as agile coaches and practitioners.

Outcomes

On completion of this course, participants will receive the Kanban Management Professional (KMP 1) certificate from Lean Kanban University (LKU) as well as membership of LKU. This KMP 1 course is the first part towards achieving the Lean Kanban University (LKU) Kanban Management Professional (KMP) certification. KMP is awarded once delegates complete KMP 1 and the two day KMP 2 course on Kanban Cadence.

Course Content

Experience Kanban

- Full simulation using the getKanban game

Definition of Kanban

- Foundation principles
- Core practices
- The Kanban lens
- The Kanban values

Implementing Kanban

- STATIK - systems thinking approach to implementing Kanban
- Understand sources of variability
- Identifying opportunities to improve
- Analysing demand and capability
- Modelling workflow
- Designing a Kanban system
- Work item types
- Classes of service

Understanding Kanban

- Visualisation
- Pull-based systems
- Commitment in Kanban
- Replenishment and planning
- Delivery of products
- Lead and end-to-end cycle times
- Little's law
- Cumulative flow diagrams
- Flow efficiency
- Metrics in Kanban systems

Kanban Board Design

- Designing Kanban tickets
- Examples of Visual Kanban Boards

Pre-requisites

There are no pre-requisites for this course.

However, we encourage you to read one of the following Kanban books:

- Kanban by David J Anderson, or
- Kanban from the Inside by Mike Burrows

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