



## **Kanban for Managers/Leaders**

### **Abstract**

Kanban is an emerging flow-based system for managing software engineering projects that is based on Lean and Agile principles and rooted in the solid science of Queuing Theory. In this course you will understand the context and need for flow-based systems for managing product development and learn how Kanban serves this purpose. You will also learn about different ways to drive change in a product development organization and how Kanban provides an effective evolutionary approach minimizing risk while providing accelerated maturity improvement. You will understand the relationship between Kanban and other Agile frameworks, mainly Scrum, and understand how to mix and match the two. You will be able to setup a basic Kanban system and manage it, and learn tools to identify potential for improvement (TOC, Variability Analysis). In addition, you will learn how to measure a product development system from a flow perspective.

### **Target Audience**

Dev Managers, PMOs, CIOs, Executives.

### **Prerequisites**

None. Knowledge in Agile – an advantage.



## Course curriculum

### **Why Kanban**

Kanban roots in Lean Manufacturing  
Agile Decision Filter + Lean Decision Filter  
Need for Lean/Kanban in product development /IT

### **Intro to Kanban**

Properties of Kanban Systems  
Observed emerging properties of Kanban Systems  
Exercise - Kanban Board game

### **Kanban vs. Scrum**

Compare Kanban to Scrum  
When to go for Kanban, when to go for Scrum

### **The Kanban Change Management Approach**

How Kanban catalyzes change and accelerates high maturity  
Evolutionary versus Revolutionary change – the implications, when to use each approach

### **Common Kanban Applications and Case Studies**

Kanban for the PO Team  
Kanban for an operations/IT Team  
Driving change in a skeptic organization using Kanban  
Kanban for the management team  
Kanban for managing the portfolio of projects/releases

### **Operations Review**

### **Kaizen Culture in Kanban**

### **Kanban HR aspects**

### **Estimations and Commitments in Kanban**

Making commitments in a Kanban environment – what the business can expect

### **Lean Metrics**

Cumulative Flow Diagram  
What to Measure – Cycle Time, WIP, Lead time, PCE, etc.

## Duration

1 day (8 hours).