How to use this study guide

Dear Student,

This study guide covers all of the core competencies and learning objectives from the PK I Assessment. The Main categories are: Understanding Kanban, Designing & Operating a Kanban System, and Predictability - each of these categories is further broken down into more specific competencies, with associated resources for each.

Our top recommendations for study materials have been linked in each category, and you will find a variety of written materials as well as videos that you can (and should) explore as you prepare to take this exam.

You can also find additional Kanban Learning Resources on our website, as well as in our blog and on our YouTube channel!

Pro Tip #1 - You can assess your basic Kanban knowledge by taking our Professional Kanban Open Assessment.

Pro Tip #2 - Don’t forget to join our Prokanban.Org Slack community where you will find over 1300 Kanban practitioners from all over the world. This is a great place where you can ask questions and get support on anything you might be curious about as you prepare for the exam and continue along your Kanban learning journey!

Best of Luck,
Prokanban.Org

Pro Tip #3 - You can use Probabilistic Forecasting to forecast and plan in uncertain environments.

Predictability

Probabilistic Forecasting

This competency covers how to forecast and plan in uncertain environments.

- Probabilistic Thinking (Video)
- Will We Make It — Cars, Maps and Software Projects (Continuous Reforecasting)

Understanding Kanban

Kanban Definition

This competency provides a high-level overview of a Kanban system and its purpose. It also covers key components and when you may or may not want to use a Kanban system.

- The Kanban Guide
- Kanban Pocket Guide
- Kanban & Scrum Myths (Video)
- Kanban Definition (Video)

Flow Theory & Pull Systems

This competency covers all relevant flow theory: queue/batch size, Little’s Law, utilization, ToC, etc. It also covers what a pull system is and pull’s relation to flow.

- The Resource Utilization Trap (Video)
- Little’s Law Myths (Video)
- Little’s Law for Professional Scrum with Kanban

Flow Metrics

This competency covers basic flow metrics and the relationship between key data points.

- Actionable Agile Metrics for Predictability
- Flow Metrics (Video)
- Basic Metrics of Flow (Video)

Designing & Operating a Kanban System

Definition of Workflow

This competency covers how to look at your processes to discover your existing workflows and analyze them to define the policies in place for managing work.

- Kanban Guide - Defining a Workflow (Video)
- Defining Your Workflow (Video)
- Defining Workflow in Kanban: Key Elements for Success

Visualization / Adjusting DoW & Pull Policies

This competency covers how to take the information generated from your discovery of your work and it’s workflow and use it to create a compelling, informative visualization that can be used to effectively manage the flow of work.

- Improving Your Workflow (Video)
- Make Your Visualization About the Work, Not the Workers

Active Management of WIP

This competency covers practices that continuously monitor and limit the number of tasks being worked on at any given time to improve flow, reduce bottlenecks, and enhance overall efficiency.

- Operating Your Workflow (Video)
- Blocker Policies (Video)
- Don’t Just Limit Your WIP, Optimize it

Applying Flow Metrics

This competency is about the purpose of, and effective strategies for, flow-based events: standups, retros, reviews, etc.

- Flow Metrics in Scrum Events (Video)
- Three Questions to Ask During Standup to Keep Speed a Priority

Pro Tip #4 - You can also use The Kanban Guide to help you design and operate a Kanban system.

Pro Tip #5 - Don’t forget to follow us on LinkedIn to stay updated on the latest news and resources in the Kanban community.

Best of Luck,
Prokanban.Org

WWW.PROKANBAN.ORG