

KPOC Course Outline

What you will learn

The Kanban Product Owner with AI Certified (KPOC) course is designed for Product Owners and other professionals seeking to understand how to manage and optimize the flow of work using Kanban in Agile environments. This certification provides a comprehensive understanding of Kanban principles, roles, artifacts, cadences, and processes, enabling individuals to effectively align product strategy with Kanban practices and enhance team collaboration and workflow efficiency.

The courseware and preparation tools required for the certification exam will be available online on Kanbanstudy.com. An online proctored exam will be conducted at the end of the course.

Kanban Product Owner with AI Certified Certification classroom/virtual trainings or E-learning course are also offered by Kanbanstudy™ approved Authorized Training Partners (A.T.P.s). All trainers are highly experienced and accredited by Kanbanstudy™. Course fee includes the certification exam fee. Participants will be awarded 'Kanban Product Owner with AI Certified' certificate from Kanbanstudy™ on successfully passing the exam.

The aim of the KPOC course is to:

- Build a strong grounding in Kanban principles to effectively guide product decisions in an empirical, flow-based environment.
- Design and evolve Kanban-aligned product workflows that improve transparency, flow predictability, and value delivery.
- Lead product-focused roles and responsibilities by driving prioritization, facilitating decision-making, and aligning work with strategic goals.
- Use Kanban metrics and analytics to understand customer value, manage risks, identify flow issues, and make informed product decisions.
- Strengthen collaboration with teams and stakeholders through Kanban cadences, evidence-based discussions, and clear communication of priorities.
- Structure and maintain product backlogs, policies, and value-based workflows while leveraging digital and AI-enabled tools to support scalable product operations.
- Apply and continuously refine Kanban practices to improve product flow, deliver incremental value, and adapt to evolving customer needs.
- Foster a culture of outcome-driven improvement through customer feedback loops, experimentation, and adaptive product leadership.
- Prepare participants for the Kanban Product Owner certification by mastering relevant KBOK™ concepts, product artifacts, flow metrics, and strategic practices.

Audience Profile

Anyone looking to enhance their ability to manage product development using Kanban, scale Kanban practices across teams, and integrate Kanban with Scrum for improved delivery outcomes.

Prerequisites

There is no formal prerequisite for this certification. However, it is preferable to complete the Kanban Essentials with AI Certified (KEC) certification before applying for the Kanban Product Owner with AI Certified certification. It is also highly recommended to attend a KPOC classroom training provided by a Kanbanstudy™ approved Authorized Training Partner (A.T.P.) Authorized Training Partner (A.T.P.).

What is included

- High quality videos, study guides, chapter tests, and case study
- High quality hands-on training using role-plays and case-studies
- Course fee includes certification exam fee
- Complimentary copy of the KBOK™ Guide

Examination Format

- Multiple choice questions
- 100 questions per exam
- One mark awarded for each correct answer
- No negative marking for incorrect answers
- 120 minutes duration
- Online, proctored

Course Outcomes

By the end of this course, participants will be able to:

- Describe the evolution of Kanban and identify contexts where it enhances product flow, customer value, and strategic adaptability.
- Articulate how Kanban improves product visibility, predictability, and customer-centric decision-making.
- Distinguish the KBOK™ Guide from other Kanban references and explain its unique relevance to product strategy, value flow, and governance.
- Explain how empirical process control, incremental delivery, and evolutionary change guide responsible product decision-making.
- Apply value-focused prioritization, visualization, and team self-organization to optimize product flow and reduce delays.
- Evaluate how collaborative leadership supports transparent product choices and continuous evolution of value streams.
- Manage product flow by prioritizing work items, clarifying dependencies, addressing risks, and enabling smooth delivery of customer value.

- Maintain and evolve Kanban artifacts—boards, backlogs, workflows, metrics—as product needs evolve.
- Produce product-focused releases, reports, and approvals that accurately reflect progress and outcomes.
- Conduct structured retrospectives to identify improvements driven by data, customer feedback, KPIs, and completed work.
- Update workflows, policies, backlogs, and documentation to reflect insights and product strategy changes.
- Foster a culture of experimentation and adaptive learning to continually refine the product's value stream.

Course Methodology

- We promise a highly engaging course that ensures high retention of concepts and theories.
- Students are encouraged to work through the concepts rather than just listen to them—this provides better internalization and retention.
- Students work through a case study to simulate product development using the Kanban Framework.

Course Outline

1. Introduction to Kanban

- Kanban Origin
- Kanban Application Areas
- Benefits of Kanban
- Why use KBOK™ vs. other Kanban Books or Bodies of Knowledge
- Purpose of the KBOK™ Guide
- Framework of the KBOK™ Guide

2. Introduction to Kanban Principles

- Empirical Process Control
- Iterative or Incremental Development
- Collaborative Leadership
- Value-based Prioritization
- Self-Organization
- Visualization

3. Kanban Roles and Artifacts

- Kanban Team
 - Product Owner
 - Kanban Manager

- Kanban Team Members
- Stakeholders
- Roles and Responsibilities in Digital Kanban Tools or SaaS Platforms
- Kanban Artifacts
 - Tasks and Task Groups
 - Kanban Workflows
 - Kanban Backlog
 - Kanban Boards

4. Kanban Metrics and Reports

- Introduction to Kanban Reports and Metrics
- Key Kanban Metrics
- Key Kanban Reports

5. Kanban Cadences and Collaboration

- Introduction to Kanban Cadences and Collaboration
- Kanban Cadences
 - Planning Meeting and Replenishment Meeting
 - Kanban Team Meeting or Daily Stand-up Meeting
 - Completed Work Item Review Meeting
 - Retrospective Meeting
 - Risk and Issue Review Meeting
- Kanban Collaboration
 - Forms
 - Escalations
 - Reports
 - IT-enabled Collaboration

6. Set-up Kanban Implementation

- Introduction to Set-up
- Form Kanban Team
 - Inputs - Case for Kanban*, Existing/Current Team Structure and Roles*, Organization or Workspace Admin
 - Tools - Team Selection Meeting*, AI-enabled Digital Kanban Tool,
 - Outputs - identified Kanban Team*, Stakeholders*
- Optimize Workflows
 - Inputs - Kanban Team*, Existing Workflow, Existing Work Backlog, Existing Metrics
 - Tools - Expert Guidance*, Existing Documentation, Visualization Techniques, AI-enabled Digital Kanban Tool
 - Outputs - Kanban Workflow*, Kanban Backlog*, Agreed Metrics*

7. Plan

- Introduction to Plan

- Form Kanban Team
 - Inputs - Product Owner*, Existing Team Structure and Roles*, Organization or Workspace Admin, Senior Management, Trial Initiative, Organization rollout
 - Tools - Team Selection Meeting*, Role Analysis Tools, Workload Management Tools, Collaboration and Decision-Making Tools, Team Selection Criteria, AI-enabled Digital Kanban Tool
 - Outputs - Identified Kanban Team*
- Optimize Workflows and Determine Stakeholders
 - Inputs - Kanban Team*, Existing Workflows, Existing Backlog, Existing Boards, Existing Metrics, Existing Stakeholders
 - Tools - Expert Guidance*, Review of Existing Documentation, Visualization Techniques , AI-enabled Digital Kanban Tool
 - Outputs - Finalized Kanban Workflows*, Finalized Kanban Backlog*, Finalized Kanban Boards* , Agreed Metrics*, Identified Stakeholders*, Kanban Policies, Key Performance Indicators

8. Execute

- Introduction to Execute
- Get Work Done
 - Inputs - Kanban Team*, Kanban Backlog*, Kanban Workflows*, Kanban Board*, Requirements*, Upcoming Work Items*, Kanban Metrics, Kanban KPIs, Escalations, Forms, Kanban Policies
 - Tools - Work Assignment*, Prioritization Techniques, Task Estimation Tools, Dependency Determination, Resolution for Issues/Blockers, Stakeholder Interactions, AI-enabled Digital Kanban Tool
 - Outputs - Completed Work Items*, Updated Kanban Workflows*, Updated Kanban Backlog*, Updated Kanban Boards*, Updated Kanban Metrics*, Updated Kanban KPIs*, Releases, Approvals, Kanban Reports

9. Enhance

- Enhance – Introduction
- Retrospect and Improve
 - Inputs - Kanban Team*, Kanban Backlog*, Kanban Workflows*, Kanban Board*, Completed Work Items*, Kanban Metrics*, Kanban KPIs*, Kanban Reports*, Kanban Policies, Feedback, Incidents or Issues
 - Tools - Retrospective Meetings*, AI-enabled Digital Kanban Tool
- Outputs - Improvement Actions*, Updated Kanban Workflows, Updated Kanban Backlogs, Updated Kanban Boards, Learnings and Documentation

About Kanbanstudy™

Kanbanstudy™ is a brand of VMEdU Inc., a global leader in the professional training and certification industry. VMEdU Inc. has facilitated the training of over 5,000,000 students across 7,500+ corporations in 150+ countries through its global network of 2,000+ training providers. VMEdU also owns several other popular brands, including SCRUMstudy™—a global accreditation body for Scrum and Agile certifications, 6sigmastudy™—a global accreditation body for Six Sigma certifications, and OKRstudy™—a global accreditation body for OKR certifications.

Kanbanstudy™ is the global accreditation body for Kanban certifications. It has authored the KBOK™ Guide, a comprehensive resource that provides guidelines for the successful implementation of the Kanban framework in managing business workflows and processes.

Important certifications provided by Kanbanstudy™ include:

- Kanban Essentials with AI Certified (KEC)
- Kanban Professional with AI Certified (KPC)
- Kanban Manager with AI Certified (KMC)
- Kanban Product Owner with AI Certified (KPOC)
- Kanban with Scrum, DevOps, and OKR Certified (KSDOC)

Kanbanstudy™ Certification Hierarchy

Kanbanstudy™ certified professionals help organizations optimize workflow management, resulting in improved efficiency, faster delivery times, and increased ROI. They possess in-depth knowledge of Kanban principles and can proactively address challenges related to practical implementation. Though there are no mandatory prerequisites for most Kanbanstudy™ certifications, it is recommended to understand the hierarchy structure. The diagram below shows the preferred and optional certifications for progressing to the next level.

