

# KANBAN

## KANBAN ESSENTIALS PROFESSIONAL CERTIFICATE (KEPC™) EDITION 2020



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Professional Knowledge

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## Introduction:

Kanban is a technique used to give work instructions to customers through cards. This cards are made as per each customer requirement with the goal of controlling the progress and be able to have a product or service of good quality.

Kanban Essentials helps particularly to coordinate the production of products and services. It also helps to adapt to different variations of the production of products and services to identify areas of improvement.

Become a Kanban Essentials Professional! This certification will take you through the Kanban history, the 5 Core Properties, lean principles, Scrum, waterfall vs agile and more.



### Learning Objectives:

- Lean manufacturing.
- Lean principles.
- Agile.
- JIT.
- Kaizen.
- Lean Thinking
- Scrum.
- Waterfall vs agile.
- Kanban (development).
- Bad reasons to choose Kanban.
- History of Kanban.
- Kanban.
- Kanban's 5 Core Properties.
- Theory of Constraints.
- Value-Network Mapping (Value Stream Mapping).



### Target Audience:

This certification is appropriate for anyone who is interested in becoming a Kanban professional.



### Prerequisites:

There are no formal prerequisites for this certification.



### Training:

- Course Type: Fundamentals.
- Certification Code: KEPC™.



### Kanban - Implementation:

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| <ul style="list-style-type: none"> <li>• Work Item Types.</li> <li>• Card Walls.</li> <li>• Pull and Push.</li> <li>• Workflow.</li> <li>• WIP Limits (Limit work in progress).</li> <li>• Queues and Buffers.</li> <li>• Cadences.</li> <li>• Bottlenecks.</li> <li>• Issues and Blocked Items.</li> </ul> | <ul style="list-style-type: none"> <li>• Metrics Overview.</li> <li>• Tracking Work-in-Process.</li> <li>• Cumulative Flow Diagram.</li> <li>• Lead Time.</li> <li>• Trends.</li> <li>• Throughput.</li> </ul> |
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### Certification Exam:

- Format: Multiple choice.
- Questions: 40.
- Language: English/Spanish/Portuguese.
- Pass Score: 24/40 or 60 %.
- Duration: 60 minutes Maximum.
- Open book: No.
- Delivery: This examination is available online.
- Supervised: it will be at the discretion of the Partner.