

# Certified KANBAN Professional



The GSDC Certified KANBAN Professional certification is more than just a testament to your expertise in Kanban methodology; it's a passport to unlocking new opportunities and pushing the boundaries of organizational efficiency.



# Certified KANBAN Professional

## ABOUT CERTIFICATION

By independently honing your skills, this credential serves as a beacon for professionals ready to showcase their mastery.

The certification exam scrutinizes your understanding of Kanban principles, practices, metrics, and implementation strategies, challenging you to optimize workflows, foster collaboration, and spearhead continuous improvement initiatives. Attaining this distinction signals your proficiency in leading Kanban initiatives, empowering teams, and leveraging data-driven insights to supercharge productivity.

The GSDC Certified KANBAN Professional sets you apart in the job market and instills confidence in employers and clients alike. It represents your commitment to becoming a true Kanban expert and positions you as a valuable asset capable of transforming organizations.

With GSDC's rigorous and impartial certification process, achieving this prestigious title proves that you have not only mastered Kanban but also exemplify the qualities of a forward-thinking, dynamic professional ready to revolutionize the way work gets done.

## OBJECTIVES

1. Gain a solid understanding of Kanban systems
2. Acquire knowledge of the workflow within a Kanban simulation
3. Master the design and implementation of Kanban systems using the STATIK method (Systems Thinking Approach to Introducing Kanban).
4. Improve your Project Management skills.
5. Explore ticketing systems and visual board design within the Kanban system.
6. Explore the history and evolution of Kanban.
7. Explore the efficiency and benefits of Kanban

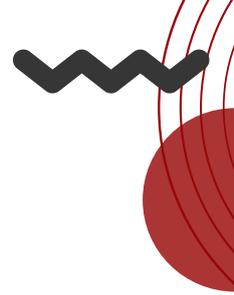
## Our Accreditation:



The Global Skill Development Council (GSDC) is the leading third-party, Vendor neutral, international credentialing and certification organization. The Global Skill Development Council (GSDC) is proud to be ANSI Accredited Member. The American National Standards Institute (ANSI) is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system.

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# COURSE SYLLABUS

## 1. Overview of the Kanban Method:

- Definition and Significance of Kanban
- Key Principles and Practices of Kanban
- Fundamental Concepts of Kanban
- Kanban in Development Processes
- Common Pitfalls in Adopting Kanban
- Historical Background of Kanban
- Understanding the Essence of Kanban
- The Five Core Properties of Kanban
- Exploring the Theory of Constraints
- Value-Network Mapping (also known as Value Stream Mapping)

## 2. Proto-Kanban:

- Individual Kanban
- Kanban for Teams
- Consolidated Kanban Boards
- Proto-Kanban vs. Complete Kanban System

## 3. Policies:

- Explicit Policy Formulation
- Dimensions of Risk in Policies

## 4. Visualization:

- Creating Effective Tickets
- Designing an Efficient Kanban Board
- Setting WIP Limits
- Measuring Cycle/Lead Time
- Managing Work In Progress (WIP)
- Determining Appropriate WIP Limits
- Analyzing Flow Efficiency and Throughput

## 5. Kanban Implementation:

- Classification of Work Items
- Visualization with Card Walls
- Pull and Push Mechanisms
- Workflow Management
- Setting WIP Limits (Limiting Work in Progress)
- Managing Queues and Buffers
- Establishing Cadences
- Identifying Bottlenecks
- Managing Issues and Blocked Items
- Overview of Metrics
- Tracking Work-in-Process
- Analyzing Cumulative Flow Diagrams
- Measuring Lead Time
- Examining Trends
- Assessing Throughput



# GSDC Technical Advisory Board :



The GSDC is the leading certification association which brings together innovative organizations and founding thought-leaders as Technical Advisors from over 40 countries to design curriculum on Blockchain, Devops, Six Sigma & Agile Certifications.

Our Future Information

## Target Audience

- Business Analyst, Project Manager
- Technical Analyst, Software Engineer/Programmer
- Development Manager, Product Manager
- Product Analyst, QA Engineer

## Pre-requisites

There are no particular prerequisites for this certification.

Knowledge of business domains and project management will be beneficial.

Find out more online at

[www.gsdccouncil.org](http://www.gsdccouncil.org)

