

KANBAN SEMINAR

CUSTOM KANBAN: DESIGN AND IMPLEMENT A KANBAN SYSTEM TO MEET THE NEEDS OF YOUR ENVIRONMENT

Course Description

The Kanban Vision - a highly effective kanban system that appears simplistic and self-perpetuating. No hot lists and a plant that is almost void of material. A predetermined quantity is kept on hand, consumption triggers replenishment, and suppliers respond immediately to the plant replenishment needs. The plant reaps tremendous benefits.

But, how do you realize the vision? Conceptually, kanban may be the simplest replenishment system to understand; yet it can be the most complex to successfully apply. That is because, no two kanban systems are identical and the key to having an effective system begins with understanding the needs of your specific environment and then applying the appropriate kanban techniques to satisfy those needs. The closer the kanban design meets the needs of your business environment the more effective the system. But, equally important to the design of the system is how it is implemented. Regardless of how effectively the kanban system is designed, an improperly implemented kanban system can create immediate and long-term issues.

This seminar will cover the kanban design process, giving you the information necessary to make the right design decisions for your company, as well as the appropriate implementation methodologies. The knowledge gained from this seminar will allow you to design, implement and maintain a highly effective kanban system and/or enable you to diagnose and rectify issues with an existing kanban system. Seminar instructor, Raymond S. Louis, is an experienced practitioner and instructor in designing and implementing kanban systems and author of several books including his latest **Custom Kanban: Designing the System to Meet the Needs of Your Environment**, 2006 Publisher Productivity Press.

Learning Objectives:

In this seminar participants will learn:

- How to design and implement a kanban system that is customized to meet the organization's specific needs.
- The twenty-five kanban system design points and how to select the appropriate techniques for your environment.
- The appropriate steps and methodologies of implementing kanban.
- The appropriate measures to gauge if adjustments are required during the implementation phase.
- How to maintain the kanban system for optimal performance once implemented.
- How to diagnose and correct a kanban system that is not operating effectively.

Who should attend?

Vice Presidents of Manufacturing, Plant Managers, Materials Managers, Production Control Managers, Purchasing Managers, Information Technology Managers, Supply Chain Managers, Continuous Improvement Managers, and support function staff.

Seminar Outcomes:

- Be able to design a kanban system that is effective for your specific organization.
 - Determine the anticipated average inventory levels for each part number as compared to current inventory levels prior to selecting them as kanban candidates.
 - Determine the appropriate safety stock setting for each part number on kanban.
 - Successfully implement your kanban system by knowing the appropriate steps.
 - Apply the prescribed steps in maintaining the effectiveness of your kanban system.
 - Apply the methodologies taught to assess and correct any kanban system that is not functioning properly.
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Course Agenda

- Kanban basics.
- Kanban system misconceptions.
- Impact of an improperly designed kanban system.
- Immediate and long term impact of an improperly implemented kanban system.
- Final product build strategy design options.
- Kanban lot size calculation design options.
- Kanban container, triggering, and maintenance design options.
- Receiving, Inspection, shipping, and material handling design options.
- Operating kanban in manufacturing design options.
- Supply base integration design options.
- The 14 steps of implementation.
- Appropriately maintaining your kanban system.

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