



Value Stream Mapping Training

Onsite – 3 Days, 8 Hours/Day – Optimum Class Size: 5–9 Participants

Training Description

In this 3-day training, students will learn how to map complex production and or administrative processes. They will also learn how to provide a roadmap for improving these processes and eliminating waste information. Specific Kaizen activities will be identified, and focused Kaizen events will take place as part of the next training element. These focused Kaizen events will help to address areas that have been shown to add excessive time, inventory, product travel distance, and other measures that can help impact overall productivity and sales of the company. Students will learn the concepts of Lean, terms and definitions, process overview, how collect data, and how to map the future state map. This training is delivered in person, onsite for all levels of the company.

A Value Stream Map (VSM) is a standardized model used to layout the stream of value-adding activities in a process, while overlaying material flow, information flow, and non-value adding waste information. A VSM provides a qualitative picture of the actual process in a facility. There are two methods that this training focuses on to develop a visual of this standardized model: the traditional Value Stream Map or a Swim Lane Process Map.

- These map the information flow from the customer, through the enterprise, to suppliers, and back to customers
- They provide a common language for discussing any process
- They develop a working blueprint for implementing Lean concepts and techniques for continual improvement focus within an organization

Training Objective:

The objective of this training will be to map complex production and/or administrative processes and provide a roadmap for what will be needed to improve these processes. Specific Kaizen activities will be identified for future events to achieve improvements towards the desired ideal or future state. These events will address those areas that have been shown to add excessive time, inventory, product travel distance, and other measures that can help impact overall productivity, quality, and sales.

Upon completion, a current state diagnostic, improvement opportunities, and a “future state” implementation plan will be documented. These will provide goals during the Kaizen improvement training that will follow.

Skill Attainment:

As a result of this training, employees will demonstrate the following skill attainment and development:

- How to use a standardized model to layout the stream of value-adding activities within a process, its material flow, the information flow, or functional area relationships
- How to apply a VSM to visually see the actual current state and what it can look like in the future state
- How to identify and collect the key pieces of data needed for the creation of a future state VSM
- Selection of target measures and Kaizen events as part of the continuous improvement plan towards the ideal future state



These skills are transferable within the company, industry, and are highly desirable by any employer.

Training Agenda

- Introduce the VSM Methodology
 - Learn the Lean Concepts
 - Map the Current State Map (collect improvement ideas)
 - Walk Through /Collect Data (collect observations)
 - Map the Future State Map (collect barriers to future state)
 - Understand how to score Barriers and Improvement ideas
 - Work with instructor to develop a Continuous Improvement Plan
- Introduce Future State Lean Concepts:
 - Takt Time
 - Continuous Flow
 - Pull Systems
 - Line Balancing
 - Kanban & Supermarkets
- Kaizen Event Process Overview
- Management Report Presentation Basics