

# Value Stream Mapping

*Learn how to identify high-impact wastes –  
and get at the starting block to lean.*

## What You Can Expect From This Seminar

Mapping the value stream is essential to discovering the priority wastes in the total value-chain work flow – from suppliers to customers. Value stream mapping identifies where to start for the high-impact results and payback on the journey to lean. Discover how value stream mapping sets the strategy for your lean implementation by identifying high-waste operations and work-flow and information constraints in your facility. Learn the technique and the quickest way to apply the tool.

## Seminar Content

### DAY 1 AM

- Introduction to lean thinking
  - Course objectives
  - Lean refresher
  - The language of lean: key words and concepts
  - Characteristics of lean value streams
- Value stream mapping
  - Icons, symbols, notation, and data boxes
  - Levels of mapping: process, plant, supply chain
  - Step-by-step map construction
- Case exercise in value stream mapping
  - Hands-on exercise
  - Data you'll need; how to collect it
- Simulating the current state
  - Walk through a current manufacturing process
  - Observe characteristics and performance
  - Identify opportunities for improvement
- How to map the current state
  - Work in teams to prepare a current-state map of the simulation
  - Team reports on the current state

### DAY 1 PM

- How to identify improvement opportunities
  - Types of waste; how to spot them
  - Key questions to ask when improving the current state
  - Identifying specific opportunities in the simulation
- How to apply lean principles
  - Leveling demand
  - Pull-system design
  - Small lots and single-piece flow
- How to map the future state
  - Work in teams to prepare a future-state map of the improved simulation
  - Incorporate improvement opportunities in:
    - Material movement
    - Productivity
    - Scheduling
- How to apply lean principles (continued)
  - Takt time calculation
  - Lean cell design
- Wrap-up

## Who Should Attend

Continuous improvement and Kaizen facilitators, plant managers and supervisors, process engineers, lead operators, industrial engineers, production and inventory control leaders, and vice presidents of manufacturing.

## How To Get the Most From This Seminar

- Immediately report – and then apply – what you learned back at your plant.