

## Value Stream Mapping (Classroom Only)

**Learn how to create and use value stream maps to improve work processes.**

### **Value Stream Mapping (VSM)**

This course is held completely in the classroom. Participants will learn what a value stream is and the mechanics for mapping a product or service value stream. The course can be set up to use a simulated production setting or require participants to gather live data as homework between sessions. Either way participants will practice gathering information, create a current state map of the process, analyze it for improvement opportunities, and create a future state map and implementation plan.

### **Expected Outcomes for Participants**

1. Learn steps to map and analyze processes for improvements
2. Create Current and Future State Value Stream Maps
3. Recognize inefficiencies and improvement opportunities within a Value Stream
4. Learn tools to remove wastes and improve process flow
5. Create a Future State Plan to implement identified improvements

*“The VSM training provided is an analysis tool that utilizes a structured approach to evaluate and improve processes. It empowers employees to create predictable solutions to improve workflow, efficiency and customer service.”*

**–Bonnie Slykhuis, DBR Lean Consultant**



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### Training Agenda

- Overview of Lean principles
- Preparation for a mapping event
- How to map a Value Stream Map (VSM)
  - Understanding components of a VSM
  - Observation and data collection
  - Practice mapping a current state map
- Map a process
  - Conduct observations and collect data
  - Create a current state map from collected data
  - Do the math & analyze the information
- Map the Future State
  - Applying Lean tools
  - Prioritizing improvements
  - Developing the Improvement Plan
- Wrap up

### Length of Class

8-12 Hours, successive days or broken out over multiple days.

### Class Size

8-20. Size of class will depend on training format, goals and schedule.

### Client Responsibilities

- Work with Trainer to determine training format and goals
- If participants will map processes as homework ensure they have access and time to collect data
- Assist with gathering pre-training production data (demand rate for the process) if needed
- Invite participants and secure room for the training
- Provide management/leader to kick off the first session to establish the purpose and expectations (if applicable).

### Trainer Responsibilities:

- Work with leadership to determine training agenda and schedule
- Work with contact to develop a project scope
- Supply training kit and participant manuals
- Conduct sessions