



Basic Lean Principles Training (4 hrs.)

Overview:

A four-hour abridged version of Lean Training, the course combines classroom instruction with hands-on demonstration/ simulation of how lean principles can be implemented in a manufacturing environment. This training exposes the frailty of Traditional Manufacturing Concepts in a high volume, low variety mass production facility. Students experience how traditional thinking in manufacturing (Push Scheduling) can be transformed into a functional “lean” facility utilizing the Lean Concepts of Cell and Pull. Students experience directly the immediate and dramatic impact of the transformation process on themselves, their workplace roles, and the enterprise of which they are part.

Duration of Event: 4 hours

Min/Max Attendance:

The course is designed to function most effectively with nineteen (10-12) participants.

Deliverables:

The course is an ABRIDGED OVERVIEW of impact that can be achieved by implementing fundamental Lean principles such as:

- Standardized Work
- 5S Systems
- Visual Workplace
- Plant Layout
- Organizational Culture
- Quick Changeover of Tooling
- Quality at the Source
- Point of Use Storage
- Total Productive Maintenance
- Pull-Kanban Systems
- Cellular Flow

Financial impact will be displayed during the simulation to demonstrate the impact of the Lean principles taught in the classroom.

Logistics:

Classroom: Approximately 250 to 300 sq. feet in area

Classroom:

- Must comfortably accommodate approximately twenty (10-12) students Chairs and tables/desks for student activities (writing)
- White Board or Flip Chart and appropriate markers
- Projection screen or clean white wall for projection of the presentation
Projection stand or table for LCD Projector and laptop
- Extension cord and/or power strip for projector and laptop