
Lean Six Sigma Yellow Belt Workshop

Course Content

This two (2) days course provides an understanding of lean six sigma principles and techniques for operational excellence deployment. It introduces the fundamental building blocks to an Operational Excellence culture with Design Innovation, Lean, Six Sigma, and Market Growth as the four pillars strategy. The training includes a hands-on demonstration of traditional manufacturing versus Lean manufacturing in a K'Nex Car Factory workshop.

Who Should Attend

Small business owners, general managers, plant managers, operational leaders, accounting leaders, continuous improvement leaders, managers, engineers, technicians, designers, planners, buyers, supervisors, quality inspectors, team leaders, set-up operators, and operators.

Price: \$195/seat

Prerequisites

A desire and commitment to become a Lean thinker while maintaining or improving quality.

Course Materials

Each participant will receive course documentation in pdf format.

Course Goals

- Learn the Lean Six Sigma concepts and techniques to Operational Excellence performance
- Learn how to identify and eliminate waste (*muda*)
- Learn roles and responsibility in a Lean culture for Operational Excellence performance
- **To become a lean thinker while maintaining or improving quality**

Course Outline

- **What is Operational Excellence?**
 - What is Lean?
 - What is Six Sigma?
 - What is Lean Six Sigma?
 - A Brief History of Operational Excellence
 - The Journey to World Class Excellence
- **The Basic Building Block to an OPEX Culture and DMAIC**
 - Define DMAIC & Project Charter
 - Roles & Responsibilities
 - Voice of the Customer (VOC)
 - Lean Six Sigma VOC Measurables
 - Lean Built in Quality Tools
- **Introduction to OPEX Basic Concepts and Principles**
 - Identifying & Eliminating the 8 Wastes (*Muda*)
 - 5S and Visual Workplace
 - Flow, Push, Pull, & Kanban
 - Continuous & One-Piece Flow
 - Value-Added vs. Non Value-Added
 - Setup Reduction
 - Introduction to Lean Edit
 - The Bottleneck (the heartbeat of a process) and Takt Time
 - K'Nex Car Factory workshop
 - Kaizen Event = Continuous Improvement Workshop
 - Standardization
 - Sustaining Improvements
- **Optional Lean Six Sigma Yellow Belt Certification Exam**

Course available at your facility.