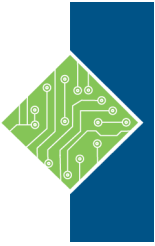


Lean Six Sigma, Yellow Belt

Course ID #: 1095-100-YL-Z

Hours: 7



Course Content

Course Description:

This course provides an understanding of lean six sigma principles and techniques for Global Excellence deployment. It introduces the basic building blocks to an Global Excellence culture with Design Innovation, Lean Six Sigma, and the Digital Thread are the strategy's three pillars for Industry 4.0. The training includes a hands-on demonstration of traditional manufacturing versus Global Excellence in a K'Nex Fighter Aircraft Factory workshop.

Course Objectives:

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

Prerequisites:

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

Target Audience:

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

Topics:

Lesson 1: What is Global Excellence?

- What is Lean?
- What is Six Sigma?
- What is Lean Six Sigma?
- A Brief History of Global Excellence to Industry 4.0
- The Journey to Global Excellence

Lesson 2: What is Global Excellence?

- Define DMAIC & Project Charter
- Roles & Responsibilities
- Voice of the Customer (VOC)
- Lean Six Sigma VOC Measurables
- Lean Built in Quality Tools



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Lesson 3: What is Global Excellence?

- 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

Register for this class by visiting us at:
www.tcworkshop.com or calling us at 800-639-3535