



WWW.KQEINC.COM

11301 US Highway 301
Thonotosassa, Florida 33592

Telephone: (813) 315-9883
Fax Number: (813) 902-6160

Lean Six Sigma Champion Training Outline

This program helps managers and professionals gain valuable skills, which can be used immediately to analyze unit or company performance. Students learn how to apply Lean Six Sigma techniques to attack inefficiencies—wastes caused by defects, overproduction, and extra processing to enhance any organization.

Topics of Focus

- DMAIC Methodology Overview
- The Project Charter
- Determining Customer and Their Needs
- Process Mapping and SIPOC

Introduction to Lean

- Lean is not only for Manufacturing
- Value add and waste
- Waste walks and spaghetti charts
- Hoshin Planning

Project Management

- Introduction to Project Management
- Projects: Initiation, Planning, Execution, Controlling and Closing

Visualizing and Improving the Process

- Value Stream Mapping for manufacturing
- Value Stream Mapping for Services
- 5S
- Poka-Yoke



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Visualizing and Improving the Process

- Kaizen Events
- SMED Service Focus
- Cellular Manufacturing
- Pull Systems

Lean Concepts

- Lean Accounting
- Standardized Work Methods
- Theory of Constraints
- Barriers to Implementation

Lean Projects and Lean Tools

- Organizational Assessment
- Quick Response Manufacturing
- Planning and Deployment for Lean Implementation
- Quality Function Deployment
- 7m Tools
- International Diagrams
- Prioritization Matrix
- Triz