

Lean Systems – Basic Workshop

Program Highlights:

Lean Systems is a powerful continuous improvement tool that focuses on process improvement by eliminating waste and variation and is applicable in manufacturing as well as service and administrative areas.

Learn the history of the Lean revolution and its basic principles. Simple concepts like value added / non value added, waste and variation reduction, PDCA, poka-yoke, and 5S are discussed in an interactive format.



Certification:

LFCC Continuing Education (CEU's)

Next Steps:

Take the sequence of Lean Modules for a more thorough knowledge of Lean:

- Value Stream Mapping
- Quality Improvement and 5S
- Quick Changeover and TPM

Who Should Attend? :

Anyone who is interested in improving, quality, cost, delivery and customer expectations while utilizing the creativity of all employees.

Benefits:

- Learn the basic Lean Principles
- Learn how to utilize teams to make improvements
- Learn to work smarter, not harder
- Learn to reduce waste in a process
- Learn the importance of workplace organization



Stand Out!

Course Outline

10 Hours

- A. The Business Challenge – Quality, Cost, Delivery, Safety
- B. Paradigm Awareness
- C. Lean Systems – history and definition
- D. Key Elements of Lean System
 - a. Identify and Understand the Flow
 - b. Identify and Measure the Value & Non Value Added Activities
 - c. Wastes – 7 types
 - d. Understanding who and what the Customer wants
 - e. PDCA - Plan, Do, Check, Act
 - f. Team Approach
 - g. Incremental Improvement
 - h. Foundations of Lean Success
 - i. Systems Thinking
 - ii. Process & Results
 - iii. Non-blaming / Non-Judgemental
 - iv. Problems are Treasures
- E. Lean Characteristics
 - a. Lead Time Reduction
 - b. Product vs. Process
 - c. Pull Systems / Kanban
 - d. Work Cell Layout
 - e. Inventory Management
 - f. Overall Equipment Effectiveness
 - g. Changeover
 - h. Variation Reduction
 - i. Total Productive Maintenance
 - j. Mistake Proofing/ Poka-Yoke
 - k. Workplace Organization / 5S
- F. Lean Simulation
- G. Lean Modules
- H. Lean Implementation Process
- I. Case Studies