

Lean Management



Overview

Course Length: 40 hours (*can be taken via flexible schedule in-center or remotely*)

Description: Lean is a set of principles and business processes which are aimed at eliminating wasteful expenditure of resources and improving efficiency. Lean Management is a continuous improvement process that focuses on this elimination of waste and delivery of higher standards of quality, speed and efficiency. More and more companies are realizing that applying lean practices really pays and they are looking for Lean Managers to guide them toward profitability by improving quality, cost, and delivery. This Lean Management Course leads to Lean Management Certification, offering you a unique opportunity to get yourself established as a certified Lean Management professional from one of the leaders in skill testing and certification.

This Lean Management Certification provides you with an in-depth understanding of a Lean enterprise and the philosophy behind lean manufacturing. Lean manufacturing, which was earlier considered as a set of tools to minimize waste and improve efficiency has transformed into a total solution to pursue business. This certification course covers all the Lean principles and Lean tools, together with the necessary examples.

Course Objectives/Topics

Lean Management Certification Program

- The Final Certification Test
- Introduction to Lean
- What is Lean Enterprise or Lean Mfg?
- Foundation of History of Lean Manufacturing
- Lean Metrics

Business Process Management

- Theory of Constraints (TOC)
- Lean Thinking (Five Principles)
- Synchronous Flow Manufacturing (SFM)
- Cycle Time Reduction
- Single Unit Processing (One-Piece Flow)

Lean Tools

- Visual Factory
- Kanban
- Poka-Yoke
- Single Minute Exchange of Dies (SMED)
- Standard Work
- Kaizen

Total Productive Maintenance

- Lean Manufacturing and TPM

Supply Chain Management

- Advantage of Applying Lean to the Supply Chain Management
- Implementation of Lean Manufacturing
- Change Management
- Deploying Lean in the Organization

Lean and Six Sigma

- Goals and Methodologies of Six Sigma
- A Comparison: Lean Thinking Vs. Six Sigma
- What is Lean Six Sigma
- Laws and Implementation of Lean Six Sigma

Lean Enterprise and Non-Manufacturing Services

- Examples of Lean Enterprise and Non-Manufacturing Services

Prerequisites

To ensure your success in this course, you should have basic project management knowledge and skills.

Audience

The Green Belt certification program is suggested for anyone working in or seeking to work in any professional position.

Please note that course material, content, structure and delivery methods are subject to change without notice.

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