

Lean Management in a Post-Pandemic World

A 2-day training course for corporations, government organizations, and medium-sized enterprises

Course Objectives

- Understand the basics and importance of lean management in businesses
- Master the Quality Function Deployment (QFD) tool in lean management
- Explore the lean principles of pull production as an alternative to push production
- Learn the lean principles of managing waste and inefficiencies in business
- Apply the lean principles of Little's Law and quality management
- Develop a value stream map for their respective businesses or business units

Who Should Attend

Supervisors, executives, managers, and senior managers from all management fields, both technical and non-technical

Module Outline

Module 1: Introduction to Lean Management

- Definition
- How it started?
 - Toyota Production System (TPS)
- Comparison: Lean, Six Sigma, and Lean Six Sigma

Module 2: Mastering the Quality Function Deployment (QFD) Tool

- Definition
- The core of QFD - House of Quality
- Hands-on application

Module 3: Lean Principles I: *Pull Production as an Alternative to Push Production*

- Push production
 - Batch production
- Pull production
 - Single-piece flow
 - Just-in-time (JIT)
 - Jidoka
 - Heijunka
- Takt time
- Cycle time and Bottlenecks
 - Bottleneck optimization

Module 4: Lean Principles II: *Managing Waste in Businesses*

- The seven forms of waste - Waste of:
 - Defects
 - Overprocessing
 - Transport
 - Motion
 - Waiting
 - Inventory
 - Overproduction
- The eighth form of waste

Module 5: Lean Principles III: *Little's Law and Seven Quality Control Tools*

- Little's Law
- Seven Quality Control Tools
- Hands-on application

Module 6: Lean Principles IV: *Value Stream Mapping*

- Definition
- How to apply the value stream mapping
- Construct a value stream map
 - Hands-on application