

## Lean Manufacturing Practitioner



Unichrone



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# About Unichrone

We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Middle-East and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

We've trained professionals across global companies



# Unichrone Training Advantages

- 3-day interactive instructor-led training program
  - Expert Trainer with International Expertise
  - Copy of course content provided
  - Global recognitions and approvals
  - Interactive sessions with case studies
  - Practical applicability and group discussion
  - Support via Emails, Calls\*
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# Lean Manufacturing Practitioner Advantages



# Course Objectives

By the end of the course, participants will be able to:

- Understand the terms, terminology, and benefits of Lean Manufacturing.
- Conduct value stream maps of the current state, identify the potentials for reduced waste and improved flow, and develop a future state map.
- Participate in the development of a site-specific lean implementation roadmap.
- Avoid the common pitfalls encountered during lean implementation.

## ELIGIBILITY CRITERIA

Individuals, leaders, supervisors and all those who are engaged in quality management implementation and improvement of organizational performance.

## WHO SHOULD ATTEND

Any professional with Quality Management / Manufacturing/ Processing industry.



Are you eligible?  
Yes   
No

# Syllabus of Certified Lean Manufacturing Practitioner

## 1. Lean Principles and Lean Thinking Deployment

- Definitions
- History of Lean
- Benefits of Lean and Lean Thinking
- Barriers to Lean, Progress towards Lean
- Wastes in Lean, Waste Identification, 3M's

## 2. 5S, Visual Management, Kaizen and Kaizen Blitz

- Elements of 5S
- Why 5S, 5S Implementation
- Workplace Observation
- Visual Factory Implementation
- Use of Visual Management
- Visual Control
- Type of Visual Management
- Kaizen, How to Kaizen
- Identify current state, Brainstorm and Analyse
- Kaizen Implementation Plan
- Kaizen Execute, Check and Sustain

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## 3. Value Stream Mapping

- Value Stream Definition, Type of Value Streams
- Identifying the Value Streams, Advantages of Value Streams
- How to do Value Stream Mapping and Its Implementations
- Current State, Future State Exercises
- Roadblocks to Value Stream Mapping

## 4. Pull Manufacturing, JIT, KANBAN, JIDOKA

- Pull Manufacturing
- Why Pull Manufacturing
- Push V/S Pull
- Objectives of JIT
- How to accomplish JIT Production
- KANBAN, JIDOKA, Steps involved in JIDOKA



# Syllabus of Certified Lean Manufacturing Practitioner

- One Piece Flow, Continuous Flow, Cell Design
- Overproduction, Buffer Stock, Causes and remedies for Overproduction
- Heijunka, Takt Time, Line Balancing, Standardized Work, Work Sequence and its Steps
- Production Smoothing and Leveling, POKA YOKE, 1-10-100 Rule, Error Proofing and SPC

## 5. Quick Changeover-SMED

- Benefits of Setup Reduction, Classification of Setup Activities
- SMED, SMED Methodology, SMED Process, SMED System
- Theory and Practice on FiFo Lanes, FIFO Rules, Super Market, Basics to Six Sigma
- TPM, TPM Activities, Components of TPM, Overall Facilities Effectiveness (OEE).

# Contact Us

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