Lean Leadership for Manufacturing Executives Training Course

Professional Development Training Course Outline

Category	Manufacturing	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Lean Leadership for Manufacturing Executives Training Course is designed to equip senior leaders with the strategic mindset, operational excellence tools, and continuous improvement culture required to drive world-class manufacturing performance. In today's competitive Industry 4.0 environment, organizations must eliminate waste, enhance productivity, and accelerate value delivery making Lean Leadership, Operational Excellence, and Smart Manufacturing capabilities essential for executive success.

This course integrates Lean Thinking, Kaizen culture, Six Sigma principles, and Digital Manufacturing strategies to empower executives to lead sustainable change across complex production systems. Participants will learn how to align business strategy with shop-floor execution, build high-performance teams, and create a culture of continuous improvement that drives cost reduction, quality enhancement, and operational agility.

Programme Curriculum

Lean Leadership for Manufacturing Executives Training Course

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Course Duration

5 days

Course Objectives

- Develop Lean Leadership mindset for manufacturing excellence
- Master Operational Excellence (OpEx) transformation strategies
- Implement Continuous Improvement (CI) culture across factories
- Reduce waste using Lean Manufacturing tools (7 Wastes elimination)
- Strengthen Value Stream Mapping (VSM) capabilities
- Drive Kaizen and Gemba Walk leadership practices
- Enhance Six Sigma-based quality improvement systems
- Align Industry 4.0 digital transformation with Lean systems
- Improve OEE (Overall Equipment Effectiveness) performance
- Build High-performance manufacturing teams
- Optimize Supply Chain and production flow efficiency
- Strengthen data-driven decision-making in operations
- Lead change management in manufacturing organizations

Target Audience

- Manufacturing CEOs and Managing Directors
- Plant Managers and Factory Heads
- Operations Directors and General Managers
- Production and Engineering Executives
- Supply Chain and Logistics Leaders
- Quality Assurance and Lean Managers
- Industrial Engineers and Process Improvement Leaders
- Senior Maintenance and Reliability Managers

Course Modules

Module 1: Lean Leadership Foundations

- Principles of Lean Thinking and leadership roles
- Evolution from traditional to Lean organizations
- Waste identification in manufacturing systems
- Leadership behaviors for Lean transformation
- Case Study: Toyota Production System success model

Module 2: Operational Excellence Strategy

- Building an OpEx roadmap for factories
- Aligning KPIs with business strategy
- Execution discipline and performance management
- Role of executives in sustaining excellence
- Case Study: Bosch manufacturing excellence transformation

Module 3: Value Stream Mapping (VSM)

- Mapping material and information flow
- Identifying bottlenecks and inefficiencies
- Future-state design principles
- Cross-functional process optimization
- Case Study: Automotive assembly line VSM redesign

Module 4: Kaizen & Continuous Improvement Culture

- Daily Kaizen vs breakthrough Kaizen
- Gemba Walk leadership techniques
- Employee engagement in CI systems
- Problem-solving using PDCA cycle
- Case Study: Fast-moving consumer goods (FMCG) Kaizen rollout

Module 5: Lean Six Sigma for Quality Excellence

- DMAIC methodology for defect reduction
- Root cause analysis tools (5 Whys, Fishbone)
- Statistical process control fundamentals
- Defect prevention strategies
- Case Study: Pharmaceutical manufacturing quality improvement

Module 6: Smart Manufacturing & Industry 4.0 Integration

- Digital Lean transformation principles
- IoT, AI, and predictive maintenance integration
- Real-time production monitoring systems
- Data analytics for operational decisions
- Case Study: Smart factory implementation in electronics industry

Module 7: Supply Chain & Inventory Optimization

- Lean supply chain design principles
- Just-in-Time (JIT) implementation strategies
- Inventory reduction techniques
- Supplier integration and collaboration
- Case Study: Automotive supply chain optimization model

Module 8: Leadership for Sustainable Manufacturing

- Building resilient manufacturing systems
- Sustainability and green manufacturing practices
- Workforce capability development strategies
- Change management in large-scale operations
- Case Study: Energy-efficient manufacturing transformation in FMCG sector

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com