Lean Warehouse Operations Training Course

Professional Development Training Course Outline

Category	Logistics and Supply Chain Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Lean Warehouse Operations Training Course is designed to empower warehouse managers, supply chain professionals, and operations teams with advanced lean principles and methodologies to optimize warehouse efficiency. In today's fast-paced logistics and distribution environment, organizations face increasing pressure to reduce operational costs, improve inventory accuracy, and enhance customer satisfaction. This course provides actionable strategies to streamline processes, eliminate waste, and implement lean thinking within warehouse operations. Participants will gain practical skills to enhance productivity, reduce lead times, and improve overall supply chain performance.

By focusing on lean tools such as 5S, Kaizen, Kanban, and value stream mapping, this course equips professionals with the knowledge to identify bottlenecks, minimize errors, and increase throughput. Participants will also learn data-driven techniques for warehouse layout optimization, inventory management, and performance measurement. The course emphasizes hands-on exercises, real-world case studies, and best practices that align with modern supply chain demands. By completing this training, professionals can significantly contribute to operational excellence, cost savings, and competitive advantage for their organizations.

Programme Curriculum

Lean Warehouse Operations Training Course

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Course Objectives

1. Understand the fundamentals of lean principles in warehouse operations.
2. Implement 5S techniques to organize and standardize warehouse spaces.
3. Apply Kaizen methodology for continuous improvement in warehouse processes.
4. Utilize value stream mapping to identify and eliminate non-value-added activities.
5. Optimize warehouse layout for efficient material flow and space utilization.
6. Employ Kanban systems to manage inventory and reduce stockouts.
7. Reduce lead times through process standardization and workflow optimization.
8. Measure key performance indicators (KPIs) for warehouse efficiency.
9. Integrate lean principles with digital warehouse technologies.
10. Minimize operational waste to improve cost-effectiveness.
11. Enhance employee engagement through lean culture adoption.
12. Solve real-world warehouse challenges through data-driven decision-making.
13. Develop strategies for sustainable lean warehouse operations.

Organizational Benefits

- Reduced operational costs through waste elimination.
- Increased warehouse throughput and productivity.
- Improved inventory accuracy and reduced stock discrepancies.
- Enhanced customer satisfaction via faster order fulfillment.
- Streamlined workflows and optimized space utilization.
- Strengthened employee engagement and accountability.
- Better decision-making with data-driven insights.
- Improved compliance with safety and regulatory standards.
- Reduced lead times and process bottlenecks.
- Establishment of a continuous improvement culture.

Target Audiences

- Warehouse managers and supervisors
- Supply chain professionals
- Inventory control specialists

- Logistics coordinators
- Operations managers
- Procurement professionals
- Lean practitioners and consultants
- Quality assurance personnel

Course Duration: 5 days

Course Modules

Module 1: Introduction to Lean Warehouse Operations

- Principles of lean thinking in warehouse management
- Benefits of lean warehouse operations
- Identifying common warehouse wastes
- Overview of lean tools and methodologies
- Case Study: Lean implementation at a retail warehouse
- Practical exercise: Waste identification

Module 2: 5S Implementation in Warehouses

- Sorting, Set in order, Shine, Standardize, Sustain
- Creating a clean and organized warehouse environment
- Developing standard operating procedures
- Employee engagement in 5S activities
- Audit and continuous monitoring
- Practical exercise: 5S walkthrough

Module 3: Value Stream Mapping (VSM)

- Understanding the flow of materials and information
- Identifying bottlenecks and non-value-added activities
- Mapping current and future state processes
- Developing improvement plans
- Case Study: VSM in an e-commerce warehouse
- Practical exercise: Process mapping

Module 4: Kaizen for Continuous Improvement

- Kaizen principles and philosophy
- Conducting Kaizen events and workshops
- Measuring improvement results
- Employee participation and suggestion systems

- Integrating Kaizen with daily operations
- Practical exercise: Kaizen action plan

Module 5: Inventory Management Optimization

- Lean inventory principles
- Reducing excess stock and stockouts
- Cycle counting and accuracy improvement
- ABC analysis and classification techniques
- Case Study: Inventory reduction in FMCG warehouse
- Practical exercise: Inventory optimization

Module 6: Kanban Systems in Warehousing

- Introduction to Kanban and pull systems
- Implementing visual signals for stock replenishment
- Reducing lead times and overstocking
- Aligning Kanban with ERP systems
- Employee training for Kanban adoption
- Practical exercise: Kanban board setup

Module 7: Warehouse Layout and Flow Optimization

- Designing warehouse for efficiency
- Material handling equipment selection
- Minimizing travel distances and bottlenecks
- Safety and ergonomic considerations
- Case Study: Warehouse layout redesign success
- Practical exercise: Layout planning

Module 8: Performance Measurement and Continuous Monitoring

- Key performance indicators (KPIs) for warehouses
- Using dashboards and reporting tools
- Analyzing operational data for improvement
- Benchmarking and best practices
- Case Study: KPI-driven improvement at a logistics center
- Practical exercise: KPI evaluation

Training Methodology

- Interactive lectures and discussions
- Hands-on exercises and simulations
- Real-world case studies analysis
- Group activities and role plays
- On-site warehouse demonstrations
- Continuous assessment and feedback

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

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$3,000
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:

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