Picking & Packing Optimization 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

Efficient warehouse operations are critical for maintaining high productivity and customer satisfaction in today’s competitive supply chain environment. Picking & Packing Optimization Training Course is designed to provide participants with advanced strategies and techniques to streamline warehouse workflows, reduce errors, and maximize operational efficiency. This course integrates industry best practices, cutting-edge technology applications, and lean logistics principles to ensure participants gain actionable insights that directly impact productivity, inventory accuracy, and overall supply chain performance.

With the increasing demand for faster order fulfillment and cost reduction, organizations require skilled professionals capable of implementing optimized picking and packing processes. This course emphasizes practical approaches, including automation integration, real-time data monitoring, and process re-engineering, to achieve measurable improvements in warehouse operations. Participants will also explore case studies from leading logistics companies to understand successful optimization strategies and common pitfalls, equipping them to implement scalable solutions in their organizations.

Programme Curriculum

Picking & Packing Optimization Training Course

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Course Objectives

1. Understand the fundamentals of warehouse picking and packing processes.
2. Apply lean logistics and Six Sigma principles to optimize workflow efficiency.
3. Implement advanced inventory management techniques to reduce errors.
4. Evaluate and select appropriate warehouse automation technologies.
5. Develop strategies to reduce order picking time and operational costs.
6. Enhance accuracy in packing and labeling processes for faster fulfillment.
7. Utilize data-driven decision-making for warehouse optimization.
8. Apply ergonomics and safety best practices in picking and packing operations.
9. Integrate warehouse management systems (WMS) for seamless operations.
10. Conduct performance audits and continuous improvement initiatives.
11. Design layout strategies to maximize storage utilization and workflow.
12. Implement real-time monitoring and KPI tracking for efficiency improvements.
13. Develop organizational policies and procedures for scalable warehouse optimization.

Organizational Benefits

- Improved warehouse operational efficiency
- Reduced order processing errors
- Faster order fulfillment and delivery times
- Lower labor and operational costs
- Enhanced inventory accuracy
- Optimized use of warehouse space
- Increased customer satisfaction
- Better safety compliance and ergonomics
- Streamlined supply chain processes
- Enhanced staff productivity and accountability

Target Audiences

1. Warehouse managers and supervisors
2. Supply chain and logistics coordinators
3. Operations and production managers
4. Inventory control specialists
5. E-commerce fulfillment staff
6. Distribution center personnel
7. Process improvement consultants
8. Business analysts in logistics operations

Course Duration: 5 days

Course Modules

Module 1: Introduction to Picking & Packing

- Overview of warehouse operations and fulfillment processes
- Key performance indicators (KPIs) for picking and packing
- Common challenges in order fulfillment
- Lean principles in warehouse operations
- Case Study: Analyzing a high-volume e-commerce warehouse

Module 2: Order Picking Strategies

- Batch, zone, and wave picking techniques
- Pick path optimization methods
- Error reduction strategies
- Technology integration for picking efficiency
- Case Study: Reducing picking errors in a retail distribution center

Module 3: Packing Optimization Techniques

- Packing standards and best practices
- Labeling and documentation accuracy
- Packaging materials and cost management
- Safety and ergonomics in packing operations
- Case Study: Improving packing speed in a logistics hub

Module 4: Warehouse Layout & Storage Optimization

- Efficient shelving and racking systems
- Space utilization techniques
- Material flow analysis
- Slotting strategies for high-demand items
- Case Study: Reconfiguring a warehouse layout for maximum throughput

Module 5: Technology in Picking & Packing

- Warehouse Management Systems (WMS) overview
- Barcode scanning and RFID applications
- Automated picking solutions
- Real-time data monitoring for performance improvement
- Case Study: Implementing automation in a mid-sized warehouse

Module 6: Performance Monitoring & KPIs

- Key metrics for warehouse efficiency
- Continuous improvement through performance tracking
- Reporting tools and dashboards
- Benchmarking and productivity analysis
- Case Study: KPI-driven improvement in a third-party logistics facility

Module 7: Safety & Compliance in Warehouse Operations

- Ergonomic handling practices
- Occupational safety standards
- Hazard identification and mitigation
- Compliance with regulatory guidelines
- Case Study: Reducing workplace injuries in a packing facility

Module 8: Continuous Improvement & Lean Implementation

- Lean methodologies for warehouse optimization
- Process re-engineering techniques
- Employee training and engagement strategies
- Identifying bottlenecks and process gaps

- Case Study: Lean transformation in a distribution warehouse

Training Methodology

- Interactive lectures with real-world examples
- Hands-on practical exercises in picking and packing
- Group discussions and scenario-based problem solving
- Case study analysis for applied learning
- Use of technology simulations and WMS demonstrations
- Continuous assessment and feedback throughout the course

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

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