MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

WAREHOUSE MANAGEMENT & INVENTORY OPTIMIZATION

"Boost Operational Efficiency, Space Utilization, and Inventory Accuracy Across Your Warehouse Network"

Schedule

Date	Venue	Fees (Face-to-Face)
16 – 20 Feb 2026	Dubai, UAE	USD 3,495 per delegate
13 – 17 Apr 2026	Dubai, UAE	USD 3,495 per delegate
23 – 27 Aug 2026	Manama, Bahrain	USD 3,495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Warehouses are no longer just storage points—they are dynamic hubs for fulfilling orders, optimizing inventory levels, and supporting end-to-end supply chain success. Poorly managed warehouses result in high costs, lost sales, excess stock, and dissatisfied customers.

This intensive 5-day course provides warehouse professionals with the essential skills and tools to manage warehouse operations efficiently while optimizing inventory practices. From layout design and picking strategies to stock accuracy and performance KPIs, participants will gain actionable knowledge to drive cost savings, accuracy, and agility in warehouse and distribution environments.

Objectives

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

- Plan efficient warehouse layouts and storage systems
- Apply best practices for inventory control, tracking, and replenishment
- Improve picking, packing, shipping, and receiving processes
- Optimize space utilization and labor productivity
- Reduce inventory holding costs while improving order fulfillment rates
- Implement inventory KPIs, dashboards, and cycle counting programs

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Why Attend

- Discover global best practices in warehouse design and operations
- Learn to reduce inventory waste and shrinkage
- Gain strategies to meet faster order turnaround with fewer errors
- Improve safety, space usage, and material handling workflows
- Apply tools and templates that can be implemented immediately

Target Audience

This program is designed for:

- Warehouse and distribution center managers
- Inventory and stock control supervisors
- Logistics and supply chain professionals
- Storekeepers and warehouse planners
- Operations and fulfillment staff

Individual Benefits

Key competencies that will be developed include:

- Warehouse operations planning and process design
- Inventory forecasting, stock rotation, and replenishment
- Warehouse automation awareness and system integration
- Effective supervision of warehouse staff and KPIs
- Root cause identification of inventory discrepancies

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Enhanced warehouse throughput and order accuracy
- Lower stock levels without risking service failures
- Better alignment between warehouse, procurement, and sales teams
- Increased warehouse safety, compliance, and audit readiness
- Improved customer service via on-time, error-free delivery

Instructional Methodology

The course follows a practical and hands-on methodology:

- Best Practice Briefings – Key concepts in layout, picking, and stock accuracy
- Case Studies – Analysis of world-class warehouse operations
- Workshops – Layout design, ABC analysis, and KPI setup
- Peer Exchange – Discussion on local challenges and innovations
- Tools – Inventory classification templates, audit checklists, and dashboard models

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Course Outline

DETAILED 5-DAY COURSE OUTLINE

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Warehouse Strategy & Layout Design

- Module 1: Role of the Warehouse in the Supply Chain (07:30 – 09:30) • Fulfillment models, distribution strategies, and service levels • Centralized vs. decentralized warehousing
- Module 2: Warehouse Layout and Space Utilization (09:45 – 11:15) • Designing storage areas, aisles, and racking systems • Flow of materials and safety considerations
- Module 3: Material Handling Systems (11:30 – 01:00) • Equipment selection, forklifts, conveyors, and automation basics
- Module 4: Workshop – Warehouse Layout Planning (02:00 – 03:30) • Participants design an optimized warehouse blueprint

Day 2: Inventory Classification and Stock Control

- Module 1: Inventory Types and Classification (07:30 – 09:30) • Raw materials, WIP, finished goods, spares • ABC/XYZ analysis and velocity segmentation
- Module 2: Replenishment Systems and EOQ (09:45 – 11:15) • Fixed and variable reorder systems • EOQ, safety stock, and lead time buffers
- Module 3: Stock Rotation and Inventory Accuracy (11:30 – 01:00) • FIFO, FEFO, LIFO, batch control, and serial tracking
- Module 4: Workshop – Stock Classification & Replenishment Plan (02:00 – 03:30) • Teams design a replenishment model based on forecast data

Day 3: Operational Excellence in Warehousing

- Module 1: Receiving, Put-away, and Cross-Docking (07:30 – 09:30) • Inbound logistics flow and staging • Barcode scanning and labeling
- Module 2: Picking and Packing Optimization (09:45 – 11:15) • Pick strategies: batch, zone, wave, discrete • Packing stations, packaging types, and dispatching
- Module 3: Shipping, Returns, and Reverse Logistics (11:30 – 01:00) • Load planning, documentation, and last-mile coordination
- Module 4: Workshop – Order Fulfillment Simulation (02:00 – 03:30) • Teams simulate a full inbound-to-outbound warehouse process

Day 4: Warehouse Performance and Technology

- Module 1: Warehouse KPIs and Metrics (07:30 – 09:30) • Order accuracy, space utilization, labor productivity • Turnover ratio, dwell time, inventory age
- Module 2: Warehouse Management Systems (WMS) (09:45 – 11:15) • Features, benefits, and integration with ERP • WMS implementation considerations
- Module 3: Automation Trends and Robotics in Warehousing (11:30 – 01:00) • AS/RS, AMRs, voice picking, RFID, and IoT
- Module 4: Workshop – KPI Dashboard Creation (02:00 – 03:30) • Participants build a performance tracking template

Day 5: Audits, Safety & Continuous Improvement

- Module 1: Warehouse Safety and Compliance (07:30 – 09:30) • OSHA and ISO standards, hazard identification, PPE • Fire safety, aisle markings, material stacking
- Module 2: Cycle Counting and Inventory Audits (09:45 – 11:15) • Cycle count programs and accuracy improvement • Root cause of variances and corrective actions
- Module 3: Continuous Improvement Initiatives (11:30 – 01:00) • Kaizen, 5S, and lean warehousing principles
- Module 4: Final Project – Operational Improvement Plan (02:00 – 03:30) • Teams present plans to enhance a warehouse’s efficiency

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Certification

Participants will receive a Certificate of Completion in Warehouse Management & Inventory Optimization, confirming their ability to run efficient, accurate, and performance-driven warehouse operations.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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