MAWA EVENTS

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

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

INVENTORY CONTROL & WAREHOUSE MANAGEMENT BEST PRACTICES

"Maximizing Efficiency, Accuracy, and Profitability Across Inventory and Storage Operations"

Schedule

Date	Venue	Fees (Face-to-Face)
14 – 18 Jun 2026	Cairo, Egypt	USD 3495 per delegate

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

Introduction

Effective inventory control and warehouse management are critical to operational success and customer satisfaction. Inadequate systems can result in stockouts, overstocking, waste, and increased operating costs. Conversely, optimized practices ensure accurate stock levels, efficient workflows, and strong supply chain performance.

This 5-day intensive course offers participants the tools, techniques, and frameworks to drive excellence in inventory planning, storage operations, and warehouse layout. With a practical and best-practice approach, this program covers lean warehousing, inventory accuracy, cycle counting, safety procedures, and modern technologies including barcoding, RFID, and WMS systems.

Objectives

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

- Implement effective inventory control systems and accuracy techniques
- Design and optimize warehouse layouts for space utilization and safety
- Apply demand forecasting and stock replenishment strategies
- Integrate technology to improve inventory visibility and handling
- Use performance metrics and KPIs to monitor warehouse effectiveness

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Why Attend

- Reduce carrying costs, shrinkage, and inventory obsolescence
- Boost warehouse throughput, picking speed, and order accuracy
- Learn modern inventory control tools like ABC analysis and safety stock modeling
- Understand how to use WMS, barcode, and RFID systems to streamline operations
- Gain insights from international benchmarks and real-world warehouse audits

Target Audience

This program is designed for:

- Warehouse managers and inventory controllers
- Supply chain and logistics professionals
- Procurement and operations staff
- Distribution center supervisors and planners
- Anyone involved in stock, storage, or warehouse operations

Individual Benefits

Key competencies that will be developed include:

- Inventory classification and stock optimization
- Efficient space utilization and material flow design
- Inventory recording, reconciliation, and physical count procedures
- Warehouse safety, layout, and equipment management
- Use of performance indicators to assess warehouse productivity

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Higher inventory accuracy and lower working capital tied in stock
- Reduced delays, fulfillment errors, and returns
- Improved storage design for faster access and reduced congestion
- More reliable order fulfillment and stock visibility
- Stronger alignment between warehouse operations and supply chain strategy

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Expert Briefings – Global inventory standards, WMS and warehousing frameworks
- Hands-On Workshops – Layout planning, cycle count strategy, inventory audits
- Case Studies – Operational bottlenecks, slotting errors, and shrinkage issues
- Simulations – Inventory classification, reorder modeling, and performance reviews
- Practical Templates – Stock cards, replenishment models, KPI dashboards

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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: Foundations of Inventory & Warehouse Excellence

- Module 1: Inventory Control Principles (07:30 – 09:30) • Inventory types and roles across the supply chain • Stock levels, reorder points, and classification
- Module 2: Common Inventory Challenges and Root Causes (09:45 – 11:15) • Overstock, stockouts, excess lead time, and deadstock • Inventory vs actual demand misalignment
- Module 3: Warehouse Roles and Functions (11:30 – 01:00) • Receiving, put-away, picking, staging, and dispatching • Integration with procurement and logistics
- Module 4: Workshop – Map Current Warehouse and Inventory Practices (02:00 – 03:30) • Gap analysis of internal processes

Day 2: Inventory Optimization and Technology

- Module 5: Demand Forecasting and Replenishment (07:30 – 09:30) • Forecasting models and seasonality • Economic order quantity (EOQ) and safety stock
- Module 6: Inventory Accuracy Techniques (09:45 – 11:15) • Cycle counting, reconciliation, and variance reporting • Inventory audits and ABC analysis
- Module 7: Warehouse Information Systems (11:30 – 01:00) • WMS, ERP integration, barcoding, and RFID • Real-time tracking and automation
- Module 8: Workshop – Conduct a Cycle Count Simulation (02:00 – 03:30) • Apply count procedures and update stock records

Day 3: Space, Layout & Storage Design

- Module 9: Warehouse Design and Slotting Optimization (07:30 – 09:30) • Flow design principles and layout efficiency • Material handling and racking systems
- Module 10: Space Utilization and Equipment (09:45 – 11:15) • Choosing the right shelving, forklifts, conveyors • Vertical space and product velocity
- Module 11: Health, Safety & Compliance (11:30 – 01:00) • Fire safety, hazard markings, PPE • Regulatory and environmental considerations
- Module 12: Workshop – Draft an Optimized Warehouse Layout (02:00 – 03:30) • Use templates to plan zones and flow

Day 4: Operations Management and Performance Control

- Module 13: Picking, Packing, and Fulfillment Strategies (07:30 – 09:30) • Batch, zone, wave picking • Order accuracy and packing quality
- Module 14: Labor Planning and Shift Scheduling (09:45 – 11:15) • Workload balancing and performance incentives • Reducing congestion and bottlenecks
- Module 15: KPIs and Warehouse Metrics (11:30 – 01:00) • Pick rate, accuracy, inventory turnover, space utilization • Setting up dashboards and continuous improvement
- Module 16: Workshop – Review a Warehouse KPI Dashboard (02:00 – 03:30) • Assess a real or simulated dataset

Day 5: Audit, Improvement & Final Integration

- Module 17: Inventory and Warehouse Audits (07:30 – 09:30) • Internal vs external audit processes • Corrective action and documentation
- Module 18: Lean Warehousing Principles (09:45 – 11:15) • Eliminating waste (7 forms), 5S and visual management • Value stream mapping for warehouse
- Module 19: Integration with Supply Chain and Procurement (11:30 – 01:00) • Linking stock levels to vendor reliability and demand • Collaboration across planning and operations
- Module 20: Final Capstone – Develop a Warehouse Optimization Plan (02:00 – 03:30) • Group project and action planning

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Certification

Participants will receive a Certificate of Completion in Inventory Control & Warehouse Management Best Practices, validating their ability to manage inventory and warehousing operations using industry benchmarks and optimization techniques.

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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