MAWA EVENTS

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

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INTEGRATED LOGISTICS PLANNING & COST-EFFECTIVE MANAGEMENT

"Optimizing Operations, Reducing Costs, and Enhancing Efficiency in Global Supply Chains"

Schedule

Date	Venue	Fees (Face-to-Face)
21 - 25 Jun 2026	Doha - Qatar	USD 3495 per delegate
06 - 10 Sep 2026	Manama – Bahrain	USD 3495 per delegate
11 - 15 Oct 2026	Manama – Bahrain	USD 3495 per delegate

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

Introduction

Effective logistics planning and management are vital for ensuring smooth operations in any organization's supply chain. With the complexity of modern global markets, businesses must continuously optimize their logistics networks to minimize costs, increase efficiency, and meet customer demands.

This 5-day intensive course is designed to provide professionals with the knowledge and skills necessary to design, implement, and manage integrated logistics systems. The training covers logistics strategies, cost reduction techniques, and how to leverage technology for streamlined operations. By attending, participants will learn how to create efficient logistics systems that not only improve cost-effectiveness but also enhance overall organizational performance.

Objectives

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

- Understand the key principles and components of integrated logistics management
- Develop and implement efficient logistics strategies to reduce costs and improve operations
- Apply supply chain optimization techniques across procurement, transportation, and distribution
- Utilize data and technology to enhance logistics planning and decision-making
- Assess and improve existing logistics systems for better cost management and efficiency

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Why Attend

- Gain hands-on knowledge of modern logistics planning and cost management techniques
- Learn how to align logistics strategy with overall business goals for better operational efficiency
- Understand the latest tools and technologies for managing logistics networks
- Explore best practices for reducing logistics costs while improving service levels
- Strengthen your ability to manage complex supply chains and anticipate challenges in global logistics

Target Audience

This program is designed for:

- Supply chain managers and logistics planners
- Procurement and distribution managers
- Operations and warehouse managers
- Shipping and transportation coordinators
- Anyone involved in managing logistics, inventory, and supply chain activities

Individual Benefits

Key competencies that will be developed include:

- Effective logistics strategy design and implementation
- Cost-effective management of transportation and distribution channels
- Advanced planning techniques for inventory and procurement
- Utilization of software tools and technologies to optimize logistics operations
- Understanding of global logistics trends, challenges, and solutions

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Increased operational efficiency and reduced logistics costs
- Improved alignment of logistics strategy with business objectives
- Enhanced ability to adapt to changing market conditions and supply chain disruptions
- Stronger communication and coordination across logistics teams
- A framework for continuous improvement in logistics planning and management

Instructional Methodology

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

- Strategy Briefings – Integrated logistics management theories, best practices, and industry trends
- Case Studies – Real-world examples of successful logistics optimization and cost-reduction initiatives
- Workshops – Hands-on exercises in logistics planning, cost analysis, and system optimization
- Peer Exchange – Group discussions and networking on logistics challenges and solutions
- Tools – Logistics planning templates, cost analysis spreadsheets, and optimization models

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: Fundamentals of Integrated Logistics Management

- Module 1: Introduction to Logistics and Supply Chain Management (07:30 – 09:30) • The role of logistics in global supply chains • Key logistics functions: transportation, warehousing, inventory, and procurement • How integrated logistics adds value to the business
- Module 2: Logistics Planning Strategies (09:45 – 11:15) • Developing logistics strategies aligned with organizational goals • Demand forecasting, supply chain coordination, and inventory planning • Logistics network design and optimization
- Module 3: Cost Management in Logistics (11:30 – 01:00) • Key cost drivers in logistics and supply chains • Cost analysis tools: activity-based costing, total cost of ownership (TCO) • Strategies for reducing logistics costs while maintaining service levels
- Workshop – Logistics Strategy and Cost Analysis (02:00 – 03:30) • Design a logistics strategy and cost analysis for a sample business

Day 2: Transportation, Distribution, and Inventory Management

- Module 1: Transportation Management and Optimization (07:30 – 09:30) • Transportation modes: road, rail, air, and sea • Route planning, freight management, and carrier selection • Fuel management, transportation cost reduction strategies
- Module 2: Distribution and Warehousing (09:45 – 11:15) • Warehouse layout, inventory control, and order fulfillment strategies • Managing inventory turnover and stock levels • Strategies for improving storage efficiency and reducing space utilization
- Module 3: Advanced Inventory Management Techniques (11:30 – 01:00) • Just-in-time (JIT) inventory, lean warehousing, and demand forecasting • The role of technology in optimizing inventory and supply chain performance • Automated inventory systems and RFID technologies
- Workshop – Transportation and Inventory Optimization (02:00 – 03:30) • Develop a transportation and inventory optimization plan • Group feedback and discussion

Day 3: Technology and Data in Logistics Planning

- Module 1: Logistics Software and Technologies (07:30 – 09:30) • Overview of logistics management software (TMS, WMS, ERP systems) • The role of artificial intelligence and machine learning in logistics optimization • Cloud computing and IoT applications in logistics
- Module 2: Data-Driven Decision Making (09:45 – 11:15) • Using data analytics to drive logistics performance improvements • Performance metrics and KPIs for logistics optimization • Real-time data and dashboards for logistics management
- Module 3: Risk Management and Contingency Planning (11:30 – 01:00) • Identifying risks in logistics and supply chain management • Developing a logistics risk management plan and contingency strategies • Crisis management in global supply chains
- Workshop – Logistics Data Analysis and Risk Management Plan (02:00 – 03:30) • Use data to analyze logistics performance and design a risk management plan

Day 4: Global Logistics and Sustainability

- Module 1: Managing Global Logistics and Supply Chains (07:30 – 09:30) • Challenges and opportunities in global logistics • Cross-border transportation, customs, and compliance • Managing supplier relationships and global partnerships
- Module 2: Sustainability in Logistics (09:45 – 11:15) • Green logistics practices: reducing carbon footprint, energy efficiency, and waste reduction • Sustainable transportation and packaging solutions • Implementing circular economy principles in logistics
- Module 3: Continuous Improvement in Logistics (11:30 – 01:00) • Lean and Six Sigma methodologies in logistics • Process mapping and performance improvement strategies • Building a culture of continuous improvement in logistics operations
- Final Workshop – Global Logistics and Sustainability Plan (02:00 – 03:30) • Develop a sustainable logistics strategy for a global supply chain • Group presentation and feedback

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Certification

Participants will receive a Certificate of Completion in Integrated Logistics Planning & Cost-Effective Management, confirming their ability to design and implement logistics strategies that optimize operations, reduce costs, and improve supply chain performance.

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.

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