**MAWA EVENTS**

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

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# LOGISTIC DEVELOPMENT, PLANNING, FORECASTING, OPERATION EFFECTIVENESS

*""Designing Efficient, Responsive, and Predictive Logistics Operations for Sustainable Supply Chain Success""*

## Schedule

| Date | Venue | Fees (Face-to-Face) |
|---|---|---|
| 09 – 11 Sep 2026 | Dubai, UAE | USD 2495 per delegate |

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

## Introduction

Logistics performance is a critical differentiator in today's competitive and complex supply chains. Companies must design operations that are lean, agile, and predictive—balancing cost, service levels, and efficiency under increasing demand variability and risk.

This three-day course delivers practical frameworks and techniques to develop, plan, forecast, and optimize logistics systems. Participants will learn how to improve delivery performance, forecast accurately, reduce operational waste, and implement systems thinking to drive cross-functional alignment.

## Objectives

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

- Design and evaluate logistics strategies aligned with business needs.
- Improve logistics planning, routing, and warehouse operations.
- Use demand forecasting methods to reduce uncertainty and improve responsiveness.
- Analyze and enhance logistics performance using key metrics and KPIs.
- Identify cost-saving opportunities in transport, inventory, and operations.
- Develop a roadmap for continuous improvement in logistics systems.

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## Why Attend

- Strengthen your logistics planning and forecasting capability.
- Reduce operating costs while improving service levels.
- Gain hands-on tools to manage logistics operations proactively.
- Learn to interpret performance data and optimize supply chain workflows.
- Build stronger cross-functional collaboration between planning, procurement, and distribution.

## Target Audience

**This program is designed for:**

- Logistics and supply chain managers
- Warehouse, distribution, and operations supervisors
- Demand planners and supply planners
- Procurement and fulfillment coordinators
- Inventory and transport analysts

## Individual Benefits

**Key competencies that will be developed include:**

- Logistics strategy and scenario planning
- Forecasting models and demand management
- Routing, scheduling, and distribution analysis
- Logistics KPI tracking and reporting
- Continuous improvement and cost control techniques

## Organizational Benefits

**Upon completing the training course, participants will demonstrate:**

- More reliable and responsive logistics systems
- Improved forecast accuracy and reduced stockouts
- Streamlined transportation and warehouse performance
- Stronger operational alignment with commercial goals
- Better use of resources, systems, and data for decision-making

## Instructional Methodology

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

- Lectures – Logistics models, performance frameworks, and forecasting techniques
- Tools – Distribution maps, demand planning templates, and KPI scorecards
- Case Studies – Real-world logistics and fulfillment challenges
- Exercises – Simulation of forecasting, scheduling, and performance tracking
- Peer Learning – Group discussion and shared logistics improvement strategies
- Action Planning – Participants draft their own improvement roadmap

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## Course Outline

**Training Hours: 7:30 AM – 3:30 PM**

**Daily Format** : 3–4 Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

**Day 1: Logistics Development and Operational Strategy**

- **Module 1: Logistics in the Modern Supply Chain (07:30 – 09:30)**
- Role of logistics in end-to-end supply chain effectiveness
- Logistics strategy types: lean, agile, responsive
- Integrated logistics vs. siloed functions
- **Module 2: Network Design and Infrastructure Planning (09:45 – 11:15)**
- Distribution centers, hub-and-spoke models
- Warehouse layout optimization and facility flow
- Transportation options and route mapping
- **Module 3: Logistics Cost Management (11:30 – 01:00)**
- Transportation, handling, and inventory costs
- Hidden costs and waste identification
- Logistics cost-to-serve analysis
- **Module 4: Workshop – Map Your Logistics Network (02:00 – 03:30)**
- Participants sketch their organization’s logistics structure and identify inefficiencies

**Day 2: Forecasting and Operational Planning**

- **Module 5: Demand Forecasting Techniques (07:30 – 09:30)**
- Time-series, moving average, and exponential smoothing
- Forecast error and bias tracking
- Collaborative forecasting with sales and operations
- **Module 6: Inventory Planning and Optimization (09:45 – 11:15)**
- Safety stock calculation and reorder points
- ABC/XYZ classification for stocking decisions
- Bullwhip effect and forecast alignment
- **Module 7: Transport Planning and Route Optimization (11:30 – 01:00)**
- Fleet planning, delivery windows, and load balancing
- Route optimization tools and last-mile strategies
- Trade-offs between speed and cost
- **Module 8: Simulation – Forecasting & Distribution Challenge (02:00 – 03:30)**
- Teams simulate demand planning and vehicle routing with fixed constraints

**Day 3: Performance Management and Logistics Improvement**

- **Module 9: Logistics KPIs and Dashboarding (07:30 – 09:30)**
- OTIF, order cycle time, delivery lead time, and transportation utilization
- Inventory turnover, fill rate, and picking accuracy
- Building a visual performance dashboard
- **Module 10: Continuous Improvement in Logistics (09:45 – 11:15)**
- Root cause analysis for logistics failures
- Lean tools: 5S, value stream mapping, and kaizen
- Building a logistics improvement culture
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**Module 11: Digitalization and Automation in Logistics (11:30 – 01:00)**

- TMS, WMS, IoT, and real-time data tools
- Digitizing order tracking, fleet, and stock visibility
- Automation opportunities in warehousing
- **Module 12: Final Exercise – Logistics Performance Improvement Plan (02:00 – 03:30)**
- Each participant builds a personal logistics improvement roadmap and shares key takeaways

## Certification

Participants who complete the program will receive a Certificate of Completion in **Logistic Development, Planning, Forecasting & Operation Effectiveness** , recognizing their capability to lead and optimize logistics systems that support strategic 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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| **In-House / Customized Training**<br>Interested in running this course for your team?<br>Please contact us: | TEL:<br>**+601116373203** | EMAIL:<br>**info@mawaevents.net** |

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