MAWA EVENTS

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

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EFFECTIVE LEAN SUPPLY CHAIN MANAGEMENT - STRATEGIES & OPERATIONS

""Transform your supply chain into a competitive advantage through lean principles and strategic execution.""

Schedule

Date	Venue	Fees (Face-to-Face)
16 – 20 Aug 2026	Manama, Bahrain	USD 3,495 per delegate
07 – 11 Sep 2026	Dubai, UAE	USD 3,495 per delegate
20 – 24 Sep 2026	Doha, Qatar	USD 3,495 per delegate

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

Introduction

In today's volatile and demand-driven markets, organizations must ensure that their supply chains are lean, agile, and strategically aligned with customer expectations. Lean supply chain management goes beyond cost-cutting—it enables faster response, improved quality, and stronger collaboration across functions.

This five-day intensive course empowers professionals with lean principles, analytical tools, and strategic frameworks to optimize their end-to-end supply chains. Through hands-on application, participants will learn to eliminate waste, manage complexity, and embed continuous improvement into supply chain operations.

Objectives

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

- Understand lean principles and their application in supply chains.
- Map, assess, and improve supply chain processes using lean tools.
- Balance efficiency and responsiveness in global sourcing and logistics.
- Collaborate effectively with suppliers and internal stakeholders.
- Build metrics and dashboards to track lean supply chain performance.
- Lead lean initiatives to deliver cost, speed, and service benefits.

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Why Attend

- Apply lean principles to reduce delays, errors, and non-value activities.
- Gain practical experience with tools like VSM, 5S, Kanban, and root cause analysis.
- Drive strategic alignment between supply chain, operations, and customer service.
- Learn to respond flexibly to demand shifts and disruptions.
- Improve visibility, decision-making, and flow across the value chain.

Target Audience

This program is designed for:

- Supply chain and logistics managers
- Procurement and inventory control professionals
- Lean practitioners and operations leads
- Warehouse, production, and distribution supervisors
- Process improvement and planning staff

Individual Benefits

Key competencies that will be developed include:

- Value stream mapping and lean metrics
- Waste elimination and bottleneck reduction
- Supplier collaboration and internal coordination
- Cost-to-serve analysis and service level planning
- Root cause problem solving and process redesign

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced inventory, cycle times, and operating costs
- Stronger alignment between demand and supply functions
- Increased customer service levels and process visibility
- More effective supplier and partner relationships
- Continuous improvement culture across the supply chain

Instructional Methodology

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

- Strategic Lectures – Lean frameworks, supply chain structures, performance models
- Case Studies – Real-world examples of lean transformation
- Group Exercises – Value stream mapping, process flow redesign, bottleneck analysis
- Tools – Kanban boards, waste logs, root cause analysis templates
- Simulation – “Lean factory” or supply chain response challenge
- Reflection – Daily debriefs and personal lean leadership action plans

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Course Outline

Detailed 5-Day 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: Lean Thinking and Supply Chain Foundations

- **Module 1: What is Lean Supply Chain Management? (07:30 – 09:30)**
- Lean philosophy, principles, and benefits
- Types of supply chains and lean fit
- Cost vs. value vs. flow perspective
- **Module 2: Value Streams and Waste in Supply Chains (09:45 – 11:15)**
- Identifying value-added and non-value-added activities
- The 8 types of waste in logistics and procurement
- Mapping material and information flows
- **Module 3: Customer Demand and Pull Systems (11:30 – 01:00)**
- Push vs. pull production and replenishment
- Demand forecasting and signal accuracy
- Building agility into planning systems
- **Module 4: Workshop – Value Stream Mapping (02:00 – 03:30)**
- Mapping a sample process from source to customer
- Team feedback and improvement targets

Day 2: Process Optimization and Waste Elimination

- **Module 5: Inventory, Flow, and Lead Time Reduction (07:30 – 09:30)**
- Economic order quantity vs. lean replenishment
- Inventory positioning and decoupling points
- Lead time breakdown and reduction strategies
- **Module 6: Lean Warehousing and Transportation (09:45 – 11:15)**
- 5S, visual control, and layout optimization
- Consolidation, route planning, and cross-docking
- Picking, packing, and dispatch waste removal
- **Module 7: Supplier and Internal Process Collaboration (11:30 – 01:00)**
- Managing supplier lead times and variability
- Internal handoffs and communication alignment
- Integrated supply planning models
- **Module 8: Simulation – Lean Fulfillment Challenge (02:00 – 03:30)**
- Hands-on team-based scenario to reduce delays and waste
- KPI review and facilitator debrief

Day 3: Planning, Scheduling, and Flexibility

- **Module 9: Lean Planning and Production Synchronization (07:30 – 09:30)**
- Takt time, cycle time, and capacity balancing
- Scheduling methods in lean environments
- Make-to-stock vs. make-to-order strategies
- **Module 10: Inventory Segmentation and Forecasting (09:45 – 11:15)**
- ABC, XYZ, and velocity-based inventory models
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Safety stock and reorder point calculation

- Forecast accuracy and bias tracking
- **Module 11: Demand Flexibility and Risk Response (11:30 – 01:00)**
- Managing bullwhip effect and variability
- Dual sourcing, buffering, and postponement
- Agile supply chains and scenario buffers
- **Module 12: Group Exercise – Root Cause and Bottleneck Analysis (02:00 – 03:30)**
- Applying tools like 5 Whys, fishbone, and Pareto
- Sharing problem statements and improvement ideas

Day 4: Performance, Technology, and Metrics

- **Module 13: Supply Chain Metrics and Dashboards (07:30 – 09:30)**
- KPIs: OTIF, inventory turns, cost-to-serve, supplier scorecards
- Building tiered performance reviews
- Using digital dashboards and alerts
- **Module 14: Digital Enablers of Lean Supply Chain (09:45 – 11:15)**
- RFID, IoT, TMS, WMS, and ERP system integrations
- Real-time data for visibility and coordination
- Digital twin concepts for simulation
- **Module 15: Cross-Functional Collaboration and Change (11:30 – 01:00)**
- Aligning goals between operations, procurement, sales, and logistics
- Overcoming silos and change resistance
- Building stakeholder engagement plans
- **Module 16: Simulation – Designing a Lean Distribution Strategy (02:00 – 03:30)**
- Team challenge to improve a fictional company’s logistics
- Presentation and review

Day 5: Leadership, Culture, and Continuous Improvement

- **Module 17: Leading Lean Supply Chain Change (07:30 – 09:30)**
- Coaching teams through lean mindset adoption
- Lean governance and visual management
- Change leadership vs. project management
- **Module 18: Creating a Culture of Continuous Improvement (09:45 – 11:15)**
- Daily improvement cycles and kaizen events
- Encouraging frontline ownership of processes
- Storytelling and celebrating lean success
- **Module 19: Final Case Study – Lean Supply Chain Turnaround (11:30 – 01:00)**
- Participants work through a multi-point transformation case
- Recommendations and roadmap development
- **Module 20: Wrap-Up and Certification Briefing (02:00 – 03:30)**
- Reflections, action plans, and closing discussion
- Issuance of certificates and peer recognition

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Certification

Participants who complete the program will receive a Certificate of Completion in **Effective Lean Supply Chain Management – Strategies & Operations** , recognizing their ability to optimize and lead end-to-end supply chain improvements using lean principles.

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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