

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.

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

MAWA EVENTS

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

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



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
-

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

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

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.