

MASTERING MATERIALS MANAGEMENT

“Optimize Material Flow, Control Inventory, and Drive Operational Excellence Across the Supply Chain.”

Schedule

Venue (In-house)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

In every production and supply chain system, materials are the foundation of operational efficiency. Managing materials effectively ensures uninterrupted production, cost control, and timely delivery — all critical for achieving organizational excellence.

The Mastering Materials Management course equips participants with the strategic, analytical, and practical tools to plan, procure, control, and distribute materials efficiently. It integrates the principles of inventory management, procurement strategy, warehouse operations, and production planning to ensure that the right materials are available at the right place, at the right time, and at the right cost.

Through case studies, simulations, and interactive workshops, participants learn to align materials management with broader business objectives — achieving cost reduction, productivity improvement, and customer satisfaction.

Objectives

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

- Understand the key functions and scope of materials management.
- Plan and control material requirements in alignment with production schedules.
- Apply best practices in procurement, supplier evaluation, and vendor relations.
- Optimize inventory levels using analytical and forecasting tools.
- Implement warehouse and storage optimization techniques.
- Coordinate material flow across the supply chain to minimize waste and lead time.
- Integrate digital and automated systems in materials management.
- Apply performance metrics to improve materials efficiency and accountability.

Why Attend

In today's fast-paced business environment, inefficient materials management leads to excess inventory, production delays, and financial loss. This course provides the expertise to overcome these challenges by developing systems that optimize inventory, reduce costs, and enhance operational responsiveness.

Participants gain not only theoretical understanding but also practical, results-driven skills applicable across industries — from manufacturing and construction to logistics, retail, and services. By mastering materials management, you'll play a critical role in ensuring that operations run smoothly, resources are used wisely, and organizations achieve peak performance.

Target Audience

This program is designed for:

- Materials, Procurement, and Inventory Managers
- Supply Chain and Logistics Professionals
- Warehouse and Stores Supervisors
- Production and Operations Managers
- Planning and Scheduling Officers
- Purchasing Officers and Buyers
- Project Managers and Engineers
- Anyone involved in managing material resources or inventory control

Individual Benefits

- Gain comprehensive knowledge of materials management principles and systems.
- Learn to plan, monitor, and control inventory effectively.
- Develop strong analytical and problem-solving abilities.
- Enhance leadership and decision-making skills in material flow management.
- Improve career prospects in manufacturing, logistics, and supply chain roles.
- Stay ahead of global best practices in digital materials management.

Organizational Benefits

- Reduce inventory carrying costs and eliminate stockouts.
- Improve production continuity through better materials coordination.
- Increase efficiency in procurement, warehousing, and distribution.
- Strengthen supplier relationships and streamline purchase cycles.
- Achieve better cost control, forecasting, and financial accuracy.
- Enhance operational performance and overall supply chain agility.

Instructional Methodology

This course emphasizes practical, application-oriented learning through:

- Expert-led interactive lectures and discussions
- Real-world case studies and best practice models
- Group workshops and problem-solving exercises
- Simulations of materials planning and control systems
- Step-by-step demonstrations of analytical tools and ERP applications
- Assessment activities and feedback sessions for improvement

Course Outline

- Module 1: Introduction to Materials Management and its Strategic Role
- Module 2: Material Planning and Requirements Forecasting (MRP)
- Module 3: Procurement Management and Supplier Evaluation
- Module 4: Inventory Control Techniques and Economic Order Quantity (EOQ)
- Module 5: Warehouse Management and Storage Optimization
- Module 6: Materials Handling and Distribution Systems
- Module 7: Cost Reduction and Value Analysis in Materials Management
- Module 8: Digital Tools and ERP Integration in Materials Planning
- Module 9: Performance Measurement and Key Metrics in Materials Control
- Module 10: Sustainable and Green Materials Management Practices
- Module 11: Risk Management and Continuous Improvement Strategies
- Module 12: Capstone Project – Designing a Materials Management System for Operational Excellence

Certification

Upon successful completion, participants will receive a Certificate of Mastery in Materials Management, recognizing their expertise in materials planning, procurement, inventory optimization, and integrated supply chain efficiency.

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?

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