



Supply Chain Optimization

www.masterpeaktraining.com

phone: +905302682631

Email: info@masterpeaktraining.com



Supply Chain Optimization

5 days training course

For detailed information on training course dates, please click the link:

[Supply Chain Optimization](#)

Target Audience:

This course is ideal for:

- **Supply Chain Managers**
- **Logistics Coordinators**
- **Operations Managers**
- **Procurement Specialists**
- **Inventory Control Managers**
- **Business Analysts**
- **Consultants and Industry Professionals Interested in Supply Chain Optimizatio**

Introduction:

In today's fast-paced and competitive business environment, supply chain optimization is crucial to achieving operational efficiency, reducing costs, and improving customer satisfaction. This course is designed to provide participants with the skills and knowledge necessary to optimize supply chains in various industries. By focusing on key strategies, technologies, and best practices, participants will be able to streamline their supply chain processes and enhance overall performance.

Training Objectives:

By the end of this course, participants will:

- Understand the key principles of supply chain optimization
- Learn how to design and manage an efficient supply chain
- Gain knowledge of tools and techniques for inventory management, demand forecasting, and logistics
- Learn how to use data analysis and technology to improve supply chain processes
- Develop strategies to address challenges such as lead times, stockouts, and excess inventory
- Explore global supply chain trends and sustainability practices

Course Outline:

Day 1: Introduction to Supply Chain Optimization

- Understanding Supply Chain Management (SCM) and Optimization
- Key Components of a Supply Chain: Suppliers, Manufacturers, Distributors, and Retailers
- Supply Chain Objectives: Cost Reduction, Speed, and Flexibility
- The Role of Technology in Supply Chain Optimization
- Analyzing Current Supply Chain Performance

Day 2: Demand Forecasting and Inventory Management

- Importance of Accurate Demand Forecasting
- Techniques for Demand Forecasting: Qualitative vs. Quantitative Methods
- Inventory Management Strategies: Just-in-Time (JIT), Economic Order Quantity (EOQ)
- Safety Stock and Reorder Points
- Inventory Optimization Tools and Software

Day 3: Logistics and Distribution Optimization

- Understanding Logistics and its Role in Supply Chain Optimization
- Transport Optimization: Route Planning, Freight Costs, and Delivery Scheduling
- Warehouse Management and Layout Optimization
- Managing Outsourcing and Third-Party Logistics (3PL)
- Distribution Strategies: Direct vs. Indirect, Global Distribution

Day 4: Data Analysis and Technology in Supply Chain Optimization

- Using Data Analytics to Improve Supply Chain Processes
- Key Performance Indicators (KPIs) for Supply Chain Efficiency
- Technologies Driving Supply Chain Innovation: AI, IoT, Blockchain, and Big Data
- Implementing Enterprise Resource Planning (ERP) Systems
- Real-Time Data Tracking and Monitoring

Day 5: Global Supply Chain Optimization and Sustainability

- Global Supply Chain Challenges: Complexity, Political Risk, and Trade Barriers
- Strategies for Managing Global Supply Chains
- Sustainable Supply Chain Practices: Green Logistics, Waste Reduction
- Risk Management and Contingency Planning in Global Supply Chains
- Case Studies on Supply Chain Optimization



DOCUMENTATION

The **MTC team** has meticulously prepared **high-quality training materials** for distribution to all delegates.

CERTIFICATES

An **accredited Certificate of Completion** will be awarded to participants who successfully attend and complete the program.

SCHEDULE

Course sessions are scheduled as follows:

- **Morning Session:** 09:00 AM – 1:00 PM
- **Afternoon Session:** 01:00 PM – 05:00 PM

REGISTRATION & PAYMENT

To register, please complete the **registration form** available on the course page and submit it with your **preferred payment method**. Alternatively, you can contact us via **email or WhatsApp** for assistance.

TRAVEL & TRANSPORT

We ensure a **seamless travel experience** by providing **airport-hotel-airport** transfers for all participants.