

# € TRAINING

Supply Chain and Inventory Management



22 - 26 December 2024  
Sharm El-Sheikh (Egypt)



# Supply Chain and Inventory Management

REF: L308 DATE: 22 - 26 December 2024 Venue: Sharm El-Sheikh (Egypt) - Fee: 4095 Euro

## Introduction:

This training program is designed to provide professionals with the essential knowledge and skills needed to effectively manage supply chains and inventory. It empowers them to enhance operational efficiency and achieve strategic goals in supply chain and inventory management.

## Program Objectives:

At the end of this program, participants will be able to:

- Understand the fundamentals of supply chain and inventory management.
- Develop and implement effective supply chain strategies.
- Optimize inventory levels to balance costs and service levels.
- Manage logistics and distribution operations efficiently.
- Measure and improve supply chain performance.
- Apply best practices to enhance supply chain and inventory operations.

## Targeted Audience:

- Supply chain managers and analysts.
- Inventory managers and coordinators.
- Logistics managers and staff.
- Operations managers.
- Procurement professionals.

## Program Outline:

### Unit 1:

#### Fundamentals of Supply Chain Management:

- Introduction to supply chain management principles and concepts.
- Overview of supply chain processes and flows.

- Understanding supply chain dynamics and interdependencies.
- Key drivers of supply chain performance.
- Case studies on successful supply chain management practices.

## Unit 2:

### Demand Forecasting and Planning:

- Techniques for accurate demand forecasting.
- Sales and operations planning S&OP process.
- Balancing supply and demand through effective planning.
- Role of technology in demand forecasting.
- Real-life examples of demand forecasting and planning.

## Unit 3:

### Inventory Optimization Techniques:

- Methods for optimizing inventory levels.
- ABC analysis and inventory categorization.
- Just-in-time JIT inventory and lean principles.
- Safety stock calculation and management.
- Case studies on inventory optimization successes.

## Unit 4:

### Logistics and Distribution Management:

- Fundamentals of logistics and distribution.
- Transportation management and optimization.
- Warehouse management systems WMS and best practices.
- Managing third-party logistics 3PL providers.
- Real-life examples of logistics and distribution excellence.

## Unit 5:

### Supply Chain Performance Measurement:

- Key performance indicators KPIs for supply chain management.
- Techniques for measuring and analyzing supply chain performance.
- Continuous improvement in supply chain operations.
- Benchmarking against industry standards.
- Case studies on supply chain performance improvement.