

€ TRAINING

Advanced Logistics and Supply Chain
Management

22 December 2024 -
2 January 2025
Cairo (Egypt)





Advanced Logistics and Supply Chain Management

REF: L281 DATE: 22 December 2024 - 2 January 2025 Venue: Cairo (Egypt) - Fee: 6965 Euro

Introduction:

This training program is designed to equip professionals with advanced skills and knowledge to excel in logistics and supply chain management. It empowers them to drive efficiency, innovation, and excellence in their logistics and supply chain functions.

Program Objectives:

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

- Develop and implement strategic supply chain plans.
- Optimize logistics operations for efficiency and cost-effectiveness.
- Integrate advanced technologies into supply chain processes.
- Manage risks and disruptions in the supply chain.
- Enhance supplier relationships and performance.
- Measure and improve supply chain performance.

Targeted Audience:

- Supply chain managers and directors.
- Logistics managers and coordinators.
- Procurement professionals.
- Operations managers.
- Inventory and warehouse managers.

Program Outline:

Unit 1:

Strategic Supply Chain Planning:

- Introduction to supply chain strategy development.
- Aligning supply chain strategy with business objectives.

- Demand forecasting and capacity planning.
- Supply chain network design and optimization.
- Case studies on successful supply chain strategies.

Unit 2:

Advanced Logistics Operations:

- Overview of logistics and transportation management.
- Inventory management and optimization techniques.
- Warehouse management best practices.
- Transportation planning and execution.
- Real-life examples of advanced logistics operations.

Unit 3:

Technology Integration in Supply Chain:

- Role of technology in modern supply chains.
- Implementing supply chain management software.
- Use of IoT, AI, and blockchain in supply chain operations.
- Data analytics and its impact on supply chain decisions.
- Case studies on technology-driven supply chain transformations.

Unit 4:

Supply Chain Risk Management:

- Identifying and assessing supply chain risks.
- Developing risk mitigation strategies.
- Managing disruptions and ensuring business continuity.
- Compliance and regulatory considerations.
- Lessons learned from supply chain risk management case studies.

Unit 5:

Supplier Relationship Management:

- Building and maintaining strong supplier relationships.
- Supplier evaluation and selection criteria.
- Supplier performance measurement and improvement.
- Collaborative supplier development initiatives.
- Strategies for managing supplier risks and conflicts.

Unit 6:

Sustainable Supply Chain Practices:

- Introduction to sustainability in supply chain management.
- Sustainable sourcing and procurement practices.
- Reducing carbon footprint and waste in supply chain operations.
- Implementing circular economy principles.
- Case studies on sustainable supply chain initiatives.

Unit 7:

Global Supply Chain Management:

- Managing global supply chain networks.
- International logistics and transportation challenges.
- Cross-border trade regulations and compliance.
- Cultural considerations in global supply chain management.
- Examples of successful global supply chain management practices.

Unit 8:

Lean and Agile Supply Chain Techniques:

- Principles of lean supply chain management.
- Implementing agile methodologies in supply chain operations.

- Techniques for reducing waste and improving efficiency.
- Adapting to changing market conditions quickly.
- Real-life applications of lean and agile supply chains.

Unit 9:

Performance Measurement and Continuous Improvement:

- Key performance indicators KPIs for supply chain management.
- Techniques for measuring and analyzing supply chain performance.
- Implementing continuous improvement initiatives.
- Benchmarking against industry standards.
- Case studies on supply chain performance improvement.

Unit 10:

Future Trends in Logistics and Supply Chain Management:

- Emerging trends and innovations in logistics and supply chain.
- The impact of digital transformation on supply chain operations.
- Preparing for future challenges and opportunities.
- Strategic planning for future supply chain management.
- Predictions and scenarios for the future of supply chain management.