€TRAINING

Certified Supply Chain Professional CSCP

1 - 5 September 2024
Cairo (Egypt)

Certified Supply Chain Professional CSCP

Introduction:

This program is designed to prepare participants for the certification exam only.

This training program offers a comprehensive overview of supply chain management, from foundational design and planning to advanced innovation and global collaboration. Participants will gain essential skills and knowledge to optimize supply chain operations, enhance performance, and stay ahead of emerging trends in the field.

Program Objectives:

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

- Gain a thorough understanding of supply chain management concepts.

- Learn how to design and implement efficient supply chain strategies.

- Develop skills in managing supplier and customer relationships.

- Master the use of technology to improve supply chain performance.

- Prepare for the CSCP certification exam.

Targeted Audience:

- Supply chain management.

- Operations management.

- Procurement and sourcing.

- Logistics and transportation.

- Inventory management.

Program Outline:

Unit 1:

Supply Chain Design:

- Introduction to Supply Chain Management: Definition and key concepts, Importance of supply chain in modern business.

- Supply Chain Strategy: Strategic alignment with business goals, Global supply chain strategies.

- Demand Management: Forecasting techniques, Demand planning processes.

- Network Design: Facility location decisions, Network optimization models.

- Supply Chain Segmentation: Customer segmentation strategies, Tailored supply chain solutions.

Unit 2:

Supply Chain Planning and Execution:

- Supply Chain Risk Management: Identifying and assessing risks, Risk mitigation strategies.

- Sales and Operations Planning S&OP: Integrated business planning, Balancing supply and demand.

- Logistics and Transportation Management: Modes of transportation, Transportation planning and optimization.

- Inventory Management: Inventory control techniques, Safety stock calculation.

- Procurement and Sourcing: Supplier selection and evaluation, Strategic sourcing processes.

Unit 3:

Supply Chain Improvement and Best Practices:

- Continuous Improvement Strategies: Lean principles in supply chain, Six Sigma methodologies.

- Quality and Compliance: Quality management systems, Regulatory compliance.

- Supplier Relationship Management: Building and maintaining supplier relationships, Supplier performance measurement.

- Cost Management: Cost reduction strategies, Total cost of ownership analysis.

- Performance Metrics and KPIs: Key performance indicators for SCM, Balanced scorecard approach.

Unit 4:

Supply Chain Innovation and Technology:

- Information Technology in SCM: Role of IT in supply chain, ERP systems and their impact.

- Blockchain and Emerging Technologies: Blockchain applications in supply chain, IoT and its benefits.

- Sustainability and Ethical Practices: Sustainable supply chain strategies, Ethical sourcing and corporate social responsibility.

- Advanced Analytics and Big Data: Data analytics for decision making, Predictive and prescriptive analytics.

- Automation and Robotics: Automation in warehousing and distribution, Impact of robotics on supply chain efficiency.

Unit 5:

Supply Chain Collaboration and Globalization:

- Collaborative Planning, Forecasting, and Replenishment CPFR: CPFR processes and benefits, Collaborative technologies.

- Global Supply Chain Management: Managing global logistics, Cross-border challenges and solutions.

- Trade Compliance and Customs: International trade regulations, Import/export compliance.

- Customer Relationship Management CRM: CRM strategies in supply chain, Enhancing customer satisfaction.

- Future Trends in Supply Chain: Trends shaping the future of SCM, Preparing for future challenges.

- Prepare for the certification exam.

Note: This program is designed to prepare participants for the certification exam only.