

Introduction:

In today's competitive market, the strongest supply chain is the one that will prevail. The supply chain that consistently delivers unparalleled value to its customers gains a significant competitive advantage. This course on inventory and supply chain management encourages a broad perspective that goes beyond individual companies, promoting full transparency among all participants in the supply chain.

Upon successfully completing this certified inventory and supply chain management course, participants will receive a distinguished certificate that validates their expertise in inventory and supply chain management. This certificate is an important milestone for advancing one's career in the dynamic field of inventory management.

We invite you to inquire about our inventory management certification program, available in multiple locations. The program offers practical, hands-on training that will equip you with deep knowledge of inventory management and its essential role within the supply chain, conveniently accessible near your area.

Target Audience:

- Procurement professionals
- Supply chain professionals
- Senior buyers
- Purchasing professionals
- Inventory managers
- Warehouse and store managers

Course Objectives:

By the end of this certified inventory and supply chain management course, participants will be capable of:

- Defining and fully understanding the complexities of a supply chain
- Recognizing the crucial role of inventory within the supply chain
- Calculating the necessary quantities of spare parts
- Identifying the most effective inventory solutions for spare parts
- Implementing innovative strategies to reduce working capital requirements

Targeted Competencies:

After completing this certified inventory and supply chain management course, participants will be able to

improve their skills in:

- Managing supply chains effectively
- Designing efficient warehouse facilities
- Operating warehouses efficiently
- Managing inventory proficiently

Course Content:

Unit 1: The Concept of the Supply Chain

- A historical overview of supply chains in ancient times
- Understanding the basic concept of a supply chain and its importance to inventory management
- The five essential processes that make up a supply chain
- The concept of the value chain and how it influences inventory strategies
- Metrics used to measure supply chain management performance

Unit 2: Supply Chain Planning

- Developing a strong infrastructure that includes inventory management within logistics
- Understanding the roles of manufacturers, warehouses, transportation, and retailers
- Examining different supply chain scenarios and their impact on inventory management
- Strategies for planning and optimizing the supply chain
- The critical role of inventory decision-making in supply chain management
- The Forrester effect and its implications

Unit 3: Supply Chain Simulation

- Participating in an interactive supply chain simulation that demonstrates the relationships among different supply chain entities
- Gaining practical experience with how a supply chain functions or fails
- Analyzing the outcomes and lessons that support effective inventory management

Unit 4: Inventory Decisions in the Supply Chain

- Analyzing demand patterns and their effect on inventory within the supply chain
- Understanding how information flow transforms supply chain dynamics
- Making comprehensive inventory management decisions including:
 - Selecting the right products to stock

- Determining the optimal locations for inventory
- Calculating the ideal inventory quantities

Unit 5: Linking the Supply Chain Processes

- Exploring procurement strategies and their connection to inventory management within the supply chain
- Integrating operations with inventory management strategies
- Gaining insights into warehousing and distribution as key aspects of logistics and inventory management
- Understanding the vital role of transportation in maintaining effective inventory levels in the supply chain
- Developing strategies for managing returns and recycling within supply chain and inventory management