



Effective Supply Chain, Warehouse & Inventory Management

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Introduction:

In today's competitive environment, the best supply chain will win. The chain that offers the highest value to its customers at the most efficient cost will have the competitive advantage. This requires an in depth understanding of the individual Supply Chain elements, key optimization and efficiency for each and ensuring that there are robust links between each element and inventory management so that they integrate seamlessly and efficiently to deliver optimal cost and fulfill the organizations promise of value. This course covers essential skills that are necessary to plan, execute and control the Supply Chain. The course begins with the concept of a Supply Chain and will discuss all the aspects relating to Supply Chain, Warehouse and Inventory Management. In this course you will study:

- The various processes in the supply chain
- The structure of a supply chain
- What makes a supply chain successful?
- The role of inventory and effective warehouse management in the supply chain
- Achieving maximum performance in inventory control
- Understanding and implementing the skills needed for managing and controlling warehouses and inventory in the supply chain.

Who Should Attend?

Anyone working in procurement, purchasing or buying, buyers in public, military and government, buyers working for private companies, managers of purchasing sections, users and technical specifies, project personnel working with contractors, purchasing managers in business, government and the military, professionals in contracting or other roles who wish to understand purchasing and improve the interaction with their

function

Course Objectives:

By the end of this course delegates will be able to:

- Define and understand the concept of a supply chain
- Learn the role of inventory in the supply chain
- Critically determine the optimal amount of inventory required
- Determine the optimal inventory solutions both in house and vendor led
- Implement creative ways of reducing working capital
- Understand the key concepts of inventory control
- Understand and implement essential tools for managing warehouses and inventory in the wider supply chain

Course Outline:

The Function of Supply Chains

- The concept of Supply Chain
- Key functions of a modern warehouse
- Streamlining the flow of material
- Utilizing warehouse management systems
- Measuring warehouse performance
- Effective utilization of bar coding
- Employing the latest technology

Supply Chain Optimization

- Setting up the infrastructure
- Manufacturers
- Warehouses

- Transportation
- Retailers
- Advance Planning and Optimization
- Catalogue methodologies within Warehouse
- Inventory decisions in Supply Chain
- Forrester effect and Inventory management model

Supply Chain Simulation

- Supply Chain simulation demonstrating the interaction between the different entities in the chain.
- Experience first-hand the working of a supply chain
- Analysis of lessons learnt

Inventory Decisions in Supply Chain

- Effect of lead time on the forecasting process
- Utilizing consignment inventory
- Methods of reducing stock levels
- Moving to supplier managed inventory
- Lessons from the Japanese-just in time inventory and Kaizen
- Reducing excess and obsolete inventory
- Measuring inventory management performance
- Making plans for improvement

Linking the Supply Chain Processes

- Procurement
- Operations
- Warehousing & Distribution
- Transportation
- Return/recycling