

Course Overview:

Supply chain management is the system that connects and integrates the links of sourcing, procurement, conversion, and logistics management. By understanding how to manage this complex system—and ensure that key business functions are properly integrated—you can increase profits and reduce costs and risks. We go over the different supply chain processes that must be managed in an integrated way: plan, source, make, deliver, return, and enable. He uses this process view to describe the key challenges that supply chain managers need to address, the notable trends that are forcing supply chains to evolve, and a five-step process for helping your company implement supply chain management effectively.

Course Objective:

- Explain what the terms supply chain and supply chain management mean;
- Describe what supply chain networks are;
- List examples of supply chains;
- Describe what is meant by integrated supply chain networks;
- Describe best practices in supply chain networks.

Course Outline:**Supply Chain Strategy and Sustainability**

- Principles of logistics and supply chain management.
- Supplier relationships.
- Time based mapping and time compression.
- The contribution of Just in Time and Lean thinking.
- Supply chain sustainability concepts and management.
- Thinking strategically, corporate responsibility and ethics.
- Supply chain challenges and opportunities.

Principles of Strategic Procurement

- General issues affecting P&S and the role of Procurement, including drivers, context, structures, objectives
- Supply strategy and segmentation approaches & matrices; buyer-supplier relationships; power issues
- Managing inter-organizational relationships
- Supplier selection, development and evaluation, including make versus buy decisions
- Daikin case study on value creation – to be prepared by students for class presentations and discussion
- e-Procurement – approaches, benefits and limitations
- e-Auction live event (double session)
- New trends in purchasing: retail industry
- International sourcing and total landed cost
- The Supply Chain Partnership model (Prof Douglas Lambert)

Training Language:

English-Arabic

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation

Venue | Date | Fees

Khobar | 12-01-2025 | 14,375 SAR

Riyadh | 09-02-2025 | 17,250 SAR

Khobar | 13-04-2025 | 14,375 SAR

Khobar | 11-05-2025 | 14,375 SAR

-Sustainable sourcing

Inventory and Operations Management

-Supply Chain operations analysis

-Value Stream Mapping (VSM)

-“Push and Pull” systems

-Just-in-time

-Manufacturing Planning and Control Systems

-Demand Management and Forecasting

-Sales & Operations Planning

-Inventory Management

-Capacity Management, Sequencing and Scheduling

Accounting and Finance for Supply Chain Management

-Interpretation of Company Financial Statements

-Exploring the relationship between accounting information and supply chain management

-Introduction to traditional and contemporary accounting tools and techniques, which can be applied to supply chain analysis

-The application of accounting tools and techniques to support supply chain decision-making

-Supply chain management and the implications for financial performance

-Exploring the many cost trade-offs between supply chain management processes (Source v Make).

Analytical Techniques for Supply Chain Management

-Introduction to module and decision analysis

-Fundamentals of discrete probability

-Continuous probability distributions and their applications

-Statistical sampling

-Simulation modelling

-Workshop on simulation

-Regression models

-Workshop on hypothesis testing and regression

-Forecasting

-Workshop on forecasting

-Linear optimisation

-Workshop on linear programming

-Multi-criteria decision making

-Revision and examination preparation

Who Should Attend:

This course will mainly benefit to purchasing managers, senior buyers, project managers, civil engineers, construction managers, contractors, sub-contractors, site engineers, senior management, and government agencies, architects, construction professionals, and anyone responsible for purchasing at a senior level who seeks to enhance their skills further