

Supply Chain Management (SCM)

International Center for Etudes



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Supply Chain Management (SCM)

What is supply chain management?

Supply chain management (SCM) is the combination of art and science that goes into improving the way your company finds the raw components it needs to make a product or service and deliver it to customers.

The following are five basic components of SCM.

Plan
Make

Return

Source
Deliver



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Plan

This is the strategic portion of SCM. Companies need a strategy for managing all the resources that go toward meeting customer demand for their product or service. A big piece of SCM planning is developing a set of metrics to monitor the supply chain so that it is efficient, costs less and delivers high quality and value to customers.

Source

Next, companies must choose suppliers to deliver the goods and services they need to create their product. Therefore, supply chain managers must develop a set of pricing, delivery and payment processes with suppliers and create metrics for monitoring and improving the relationships. And then, SCM managers can put together processes for managing their goods and services inventory, including receiving and verifying shipments, transferring them to the manufacturing facilities and authorizing supplier payments.



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Make

This is the manufacturing step. Supply chain managers schedule the activities necessary for production, testing, packaging and preparation for delivery. This is the most metric-intensive portion of the supply chain-one where companies are able to measure quality levels, production output and worker productivity.

Deliver

This is the part that many SCM insiders refer to as logistics, where companies coordinate the receipt of orders from customers, develop a network of warehouses, pick carriers to get products to customers and set up an invoicing system to receive payments.

Return

This can be a problematic part of the supply chain for many companies. Supply chain planners have to create a responsive and flexible network for receiving defective and excess products back from their customers and supporting customers who have problems with delivered products.



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Course Contents

1. Supply Chain Strategic Management

- A. Develop Supply Chain Strategy
- B. Strategic planning and alignment
- C. Master Planning of resources – MPR
- D. Distribution Model
- E. Master Scheduling inputs and process

2. Inventory Management

- A. Types of inventory
- B. Order review methodologies
- C. Identify Lot sizing techniques
- D. Safety Stock Management.

3. Material Requirements planning

- A. MRP record management
- B. Necessary starting conditions for planning process
- C. Explosion process to develop material plan
- D. Concepts of rolling Schedule
- E. Identify MRP outputs

4. Execution and control of operations

- A. Schedule production and process manufacturing plans.
- B. Interfaces and data exchange
- C. Bottleneck Management
- D. Performance measures

5. Supplier Management

- A. Principles of partnership with suppliers
- B. Techniques and concepts essential for supplier partnership
- C. Range of purchasing decisions & tools
- D. Purchasing obligations
- E. Sequential elements of order placement



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Target Audience:

Supply chain designers, senior planning / inventory management, managers and team leaders of all parts of the supply chain

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We can provide all these courses and qualifications in-house in your organization - as they currently feature, or adapted to fit with your particular requirements.



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In house training



in house training, learning and development solutions are a highly flexible, efficient, cost and time effective way to get the maximum return on your training and development investment.

We work with you to deliver solutions that fit exactly with your particular HR and business objectives and requirements.



In house training



Why International Center for Etudes ICE?

we will provide high quality, practical and innovative in-house training, learning and development solutions that will deliver results on your specific HR and business challenges



In house training



Thanks
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