



# Institute for Capacity Development (ICD)

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## Strategic Logistics: Planning and Management

### Course Objectives

#### Upon completion of this course participants should be able to:

- Develop an understanding of key drivers of supply chain performance
- Design an effective logistic plan for an ideal corporate or service Department
- Identify logistics challenges within the supply chain
- Link effective planning and management to the strategic objectives of the company
- Describe the operational and strategic responsibilities of logistics.
- Develop the ability to design logistics systems and formulate integrated supply chain strategy
- Determine the major forces affecting the future of logistics and supply chain management

### Target Group

- Procurement or Purchasing managers,
- Materials Managers
- Supply Chain managers
- Plant managers
- Sales managers and
- Supply Chain consultants.

### Course Outline

- General management principles and skills
- Understanding key institutional strategic objectives and the value chain
- Logistics and the role of the logistics service provider
- Logistic roles in the economy and company
- Logistics and effective supply chain management
- Logistics objectives and strategies
- The need for planning in logistics
- Logistics and supply chain performance drivers
- Framework for structuring logistics and supply chain drivers
- Establishing competitive advantage through logistics and SCM
- Measuring logistics costs and performance
- Aligning competitive strategy with supply chain strategy
- Process planning and analysis
- Capacity planning and aggregate production planning

- Transportation models
- Scheduling
- Network models
- Designing the network in a supply chain
- Location analysis techniques in supply chain management
- Measurements of performance of logistics operations
- Inventory management
- Managing material flow
- Transportation and transportation strategies
- The strategic logistics plan
- Creating the responsive supply chain
- JIT and product push versus demand pull
- Demand/supply planning management
- Lead time management
- Distribution planning management
- Warehousing
- Materials handling,
- Computerisation and packaging
- Procurement procedures
- Measurement and control of the performance of the logistics function
- Developing and reporting customer service standards
- Challenges in logistics management
- Customer value and logistics
- Database Management
- Action planning

Dates: 07<sup>th</sup> – 18<sup>th</sup> May 2018

Cost: US\$3150

Duration: 2 weeks

Venue: Pretoria, RSA