

IoSCM Level 2

We offer units covering all sectors of the supply chain, the colour code below is designed to support you in understanding the sector each unit corresponds to.



Supply Chain



Logistics & Transport



Manufacturing & Production



Procurement



Business



Leadership and Management



Ports & Shipping



Warehousing

GROUP A UNITS

Introduction to Supply Chain

- Supply chain
- Successful supply chains
- Relationships between the links of a supply chain
- Roles organisations play

Introduction to Procurement

- Functions of a purchasing system
- Stages of the life cycle
- Stages of the purchasing process
- Methods used to gain information
- Supplier development
- Selection of suppliers
- Methods of communication
- Terms of a contract

Introduction to Logistics

- Logistics type
- Service
- Supply chain in a logistics environment
- Types of logistics activities
- Health and safety
- Communication

The Role and Responsibilities of a Team Leader

- Teams and groups
- Team development
- Team roles
- Leadership styles

Introduction to Warehousing and Inventory

- Inventory
- Control inventory levels
- Types of costs
- Location coding
- Warehouse
- Operations
- Environmental arrangements
- Manual handling equipment
- Health and safety

Introduction to Business

- Range of business
- Business functions and departments
- Communication in business
- Quality management systems
- The customer
- Organisational resources

Introduction to Ports and Shipping

- Ports and shipping
- Policies and procedures
- Monitor ports and shipping

Introduction to Manufacturing Planning and Control

- Business core function
- Manufacturing process components
- Support functions
- Manufacturing requirements
- Information required
- Production planning
- Improvement technique
- Engaging external organisations
- Planning and control techniques
- Strategy
- Manufacturing improvement techniques

IoSCM Level 2

In addition to the core learning provided from our selection of Group A units, we offer a wide range of equally valuable, and industry relevant topics through our Group B units. Within these units you will find more sector specific content, useful for those looking to gain a better understanding in the wider supply chain or those looking to develop very specific skills and understanding in particular sector.

GROUP B UNITS

Supplier Relationships

- Supplier relationships
- Key Elements of the supplier relationship
- Policies and procedures
- Monitor supplier relationships

IT in Manufacturing

- The function of IT in manufacturing
- The role of IT in manufacturing
- The policies and procedures that affect IT in manufacturing

Team Development and Performance

- Employee training
- Team objectives/challenges

Introduction to Movement of Goods

- Types of goods
- Safe handling of goods
- Movement methods
- Appropriate modes of transport
- Transport planning and scheduling
- Regulatory requirements
- Collection, storage and distribution networks

Sourcing Products and Selecting Suppliers

- Types of supplies
- Resource requirements
- Different suppliers and purchase options
- Storage
- Coding systems

Introduction to Customer Service

- Customer service
- Cultures of customers
- Points in a customer care policy
- Evaluating customer service
- Using customer feedback

Introduction to International Trade and Freight

- Trade and freight
- Goods identification
- Freight organisations
- Trade legislation and regulations
- Trading documentation
- Customer requirements
- Freight systems
- Freight transport mode legislation
- Freight carriage, insurance and costs
- Health, safety and security
- Monitoring goods during transportation
- Potential risks and problems

IoSCM Level 3

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GROUP A UNITS

Supply Chain Operations

- The supply chain
- Relationships
- Supply chain components
- Logistics
- Integrated systems
- Risks to a supply chain
- Supply chain performance measurement
- Lean
- Benchmarking
- Supply chain integration

Manufacturing and Production

- Organising production
- Level of demand
- Competitors
- Sales forecasting
- Production planning
- Planning using buffer stocks
- Productivity
- Quantity of inputs
- Materials development
- Analysis tools
- Lean

Warehousing Operations

- Warehouse departments
- Bridge between supply and demand
- Warehouse management systems (WMS)
- Types of warehouses
- Warehouse location factors
- Health and safety
- Industrial equipment
- Housekeeping
- Receiving goods
- Contingency plan

Logistics

- Logistics services
- Aim of logistics
- Transport
- Policies and influence
- Organisational requirements
- Tools

Business

- Range of business
- Business functions and departments
- Quality management systems
- Communication
- Legislation
- Health and safety
- Marketing

Leadership

- Leaders
- Objectives
- Leadership theory
- Leaders mistakes/challenges
- Communication

Introduction to Ports and Shipping

- Types of ports
- Port functions
- Seaport connection and transshipment
- Maritime network considerations
- Port considerations
- External factors
- Infrastructural requirements
- Challenges

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GROUP B UNITS

Inventory Processes

- Inventory
- Purpose of inventory
- Inventory control process
- Alternatives to holding inventory
- Stock
- Customer service
- Alternatives to holding stock
- Financial
- Inventory systems

Transport Planning Operations

- Role of transport
- Transport
- Principles of transport planning
- Legislation and regulations
- Health and safety measures
- Transport equipment
- Transport planning
- External influences
- Demand types
- Planning with regard to modal choice

Procurement Processes

- Organisations involved in the purchasing role
- Relationships
- Markets
- External factors
- Purchasing
- Sourcing suppliers
- Suppliers requirements
- Performance
- Law

Business Improvement Techniques

- Need and application of business improvement
- Improvement activities
- Improvement activities resources
- Communication

Freight

- Role of freight
- Transport
- Route plan
- Environmental
- External influences
- Legislative
- Freight performance

International Trade and Freight

- Trade and freight
- Goods identification
- Freight organisations
- Trade legislation and regulations
- Trading documentation
- Customer requirements
- Freight systems

Improving Team Performance

- Team development
- Effective characteristics
- Issues encountered
- Team building
- Team evaluation
- Communication

Human Resources Management

- Human resource management (HRM)
- Human resource planning (HRP)
- Human resource development (HRD)
- The recruitment and selection process

Road Freight Operations

- Road freight key drivers
- Environmental concerns
- Regulation requirements
- Legislative
- Transportation documentation
- Trade barriers

IoSCM Level 5

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Warehousing

GROUP A UNITS

Supply Chain Management

- Effective management and control
- Physical and information flows
- Why a supply chain may not function correctly
- Strategic and operational planning
- Impact of technology

Warehousing

- Warehouse policies
- Requirements
- Inventory strategy
- Legislation
- Technology advances
- Financial systems

Planning & Control in Manufacturing & Production

- Production planning
- Production planning, sales planning and forecasting
- Master scheduling terminology
- Manufacturing and control systems
- Improve planning performance

Quality Management

- The concept of quality management
- Embedding quality management
- Systems that support quality management

Procurement Management

- Key roles of management
- Impact of legislation
- Working relationships with suppliers
- Effective negotiating skills

Logistics

- Logistics services
- Aim of logistics
- Transport
- Policies and influence
- Organisational requirements
- Tools

Port and Shipping Management

- Shipping and international trade
- Business strategy in shipping
- Port operations management
- Agile ports
- Port development

Operation Management Processes

- Operations management
- Operations processing
- Relationship between operations management and strategic planning
- Operations improvement techniques
- Organisational challenges

Management

- Leadership and management
- Decision making
- Managing and implementing change
- Risk management processes
- Project management

Business

- Range of business
- Business functions and departments
- Quality management systems
- Communication

IoSCM Level 5

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GROUP B UNITS

Road Freight Management

- Role of road transport
- Standards & performance measurements
- Scheduling, quality and security
- Route planning
- Role of management
- Effective communication skills

Risk Management

- Risk management roles and responsibilities
- Risk assessment process and the management of risk
- Risk management strategy

Inventory Management

- Purpose of inventory management
- Fixed period and fixed quantity models
- Effect of inventory management on the supply chain
- Modern inventory systems
- Minimising stock level

International Trade Management

- Rules and regulations of international trade management
- Key features of a successful global strategy
- International financial strategies and risk

Contracting in the Procurement Environment

- Different types of contracts
- Monitor and evaluate the performance of contractors

International Freight Management

- Air freight forwarding operations
- Sea freight forwarding operations
- The concept of an agile port
- Discipline or multimodal transportation

Environmental Issues in Manufacturing

- Environmental issues
- Infrastructure and equipment
- Impact of manufacturing on environment

Procurement in the Public & Private Sector

- Central and local government
- Measures for protecting against fraud
- Procurement policy and practice

Sea Freight

- Principles of sea freight management
- Legislation and regulations
- The role of shipping freight operations
- Different financial strategies

Movement of Goods

- Principles and practices in relation to the movement of goods
- The characteristics of goods and the impact on their handling
- Considerations that influence the flow of goods

Human Resource Management

- Human resource management (HRM)
- Human resource planning (HRP)
- Human resource development (HRD)
- Recruitment and selection process

Transport Management

- Nature and purpose of transport planning
- Land use
- Sustainability
- Transport demand
- Movement of freight

Finance Management

- Costing information
- Standard costing and performance
- Measure performance and manage costs
- Estimation techniques

Customer Service

- Managing customer relationships
- Customer focused culture
- Customer satisfaction
- Managing customer complaints

Project Management

- Principles of project management
- Identify and justify a management project
- Conducting research and analyse data
- Monitor, review and evaluate

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Warehousing

GROUP A UNITS

Supply Chain Management

- Effective supply chain
- Strategic objectives of an organisation
- Value of 3PL and 4PL
- Cause of supply chain failures
- Developments in information technology

Operations Management

- Managing operations and people
- Operational strategy
- Managing people and change in the work place
- Methods of managing capacity
- Operational scheduling and process management
- Managing quality

Production Management

- Production
- Requirement of product design and production strategy
- Location, layout and productivity of manufacturing
- Forecasting, planning and scheduling of production
- Purchasing and inventory management

Ports and Shipping Management

- Shipping and globalisation
- Value of operating and agile ports
- Resource requirements
- Containerised shipping operation

Business

- Internal and external environment
- Operating a marketing system
- Financial documentation
- Change management processes

Logistics Management

- Key requirements of logistics management
- Setting up a logistic operation
- Benefits of different transport modes
- Methods of rationalising logistic operations
- Technology in logistics

Warehouse Management

- Warehouse requirements of business
- Warehouse layout for specific business needs
- Important considerations of a warehouse location
- Services of 3rd party distributors

Procurement Management

- Purchasing environment
- Purchasing strategy
- IT in the purchasing process
- Supplier assessment and performance rating
- Support tools for the purchasing process

IoSCM Level 6

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GROUP B UNITS

Quality Management

- Characteristics of quality
- Quality management systems
- Total Quality Management Systems in an organisation
- European foundation for quality management (EFQM) excellence model

Strategic Transport Planning

- Transport planning and economic development
- Transport within a supply chain infrastructure
- Methods of trip distribution modelling
- Effective transport policy
- International movement of freight

Leadership & Management

- Process of management activities
- Impact of leadership and management techniques
- Risk management
- Organisational cultures
- Factors impacting time management

International Freight Management

- Creating an international supply chain
- Multimodal freight movement operation
- Legislation of the international movement of freight
- Alternatives to moving international freight

Finance Management

- Balance sheets, income statements and cash flow
- Cost vs. value of developing a project
- Financial analysis and impact on short and long term business plans
- Mergers and acquisitions

Human Resource Management

- Responsibilities of HRM
- HRM processes and practices
- HRM and performance management
- Managing employment relationships
- Reward management

Strategic Inventory Management

- Strategic role of inventories
- Inventory cost on business performance
- Managing order levels
- Inventory control

IoSCM Level 7

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Warehousing

GROUP A UNITS

Strategic Management Principles

- Strategic management
- Formulate organisational strategy
- Strategic effects of a organisation plan
- Communicating an organisational plan

Business Research

- Philosophies and approaches
- Plan project reports
- Research
- Compare research outcomes with specifications
- Present report

Ports and Shipping

- Maritime operations in a business context
- Planning process for maritime operations
- Maritime resource management
- Maritime law

Import and Export

- Key elements of export strategies
- Key elements of import strategies
- Third party intermediaries

Strategic Leadership

- Management and leadership relationship
- Effective leadership
- Theories of management and leadership in organisational contexts
- Advise management and leadership skills
- Enterprise culture and the characteristics of different entrepreneurs

Logistics and Transport

- Logistics and marketing interface
- Costs and performance within Logistics
- Concept of lead time
- Transport planning
- The impact of traffic

Manufacturing Production

- Production
- Product design and production strategy
- Location, layout and productivity of manufacturing
- Forecasting, planning and scheduling
- Purchasing and inventory management

Entrepreneurship in Business

- Entrepreneurship in today's economy
- Developing successful business ideas
- Strategy planning
- Planning future growth

Strategic Global Procurement

- Objectives for a procurement strategy
- Effectiveness of a procurement strategy
- Selecting effective procurement methods

Strategic Quality Management

- The concept of quality management
- Embedding quality management
- Systems that support quality management

Corporate Finance

- Role of corporate finance manager
- Source of debt
- Evaluating investment
- Company shares
- Dividends
- Business capital

Change Management

- Background of change management
- Issues
- Proposing change
- Managing the change process

Strategic Business Planning

- Understand the development of a strategic business plan
- Develop a strategic business plan