

School / Faculty: Federation Business School

Course Title: INTEGRATED LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Course ID: BUMKT6924

Credit Points: 15.00

Prerequisite(s): (BUMKT5901 or BUMKT5902) (BUMKT5922)

Co-requisite(s): Nil

Exclusion(s): Nil

ASCED Code: 080301

Grading Scheme: Graded (HD, D, C, etc.)

Program Level:

AQF Level of Program						
	5	6	7	8	9	10
Level						
Introductory	■	■	■	■	■	■
Intermediate	■	■	■	■	■	■
Advanced	■	■	■	■	✓	■

Learning Outcomes:

Knowledge:

- K1.** Outline the essential elements of supply chain management and describe how it works
- K2.** Identify the key drivers of supply chain performance and interpret implications for various sourcing decisions in a supply chain
- K3.** Assess the importance of material management and information technology in the formulation of a firm’s business strategy
- K4.** Appraise and select contemporary information tools and analytic methodologies to support decision making in an integrated supply chain environment

Skills:

- S1.** Analyse and evaluate the effectiveness of a firm’s supply chain strategy in its competitive setting and provide appropriate improvement solutions.
- S2.** Employ logical conceptual framework for designing distribution networks and marketing channel evaluation and design appropriate strategic distribution networks
- S3.** Design lean supply chains with the appropriate levels of risk and convey the results/solutions in a professional format
- S4.** Analyse the balance between customer satisfaction level and inventory management policies and determine the optimal level of product availability in practice

Course Outline (Higher Education)

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Application of knowledge and skills:

- A1.** Apply information systems to support collaboration and visibility of supply chains in different contexts
- A2.** Apply appropriate supply chain analytical tools and methodology to diagnose and provide reliable and efficient supply chain strategy to clients.
- A3.** Leverage supplier and distributor capacities to add value to customer services and improve overall business performance

Course Content:

Topics may include:

- The strategic role of supply chain management
- The key strategic drivers for supply chain performance
- The scope of material and physical distribution management.
- Marketing channels and logistics
- Demand forecasting and aggregate planning in the supply chain
- Inventories planning and management in the supply chain
- Sourcing, transporting and pricing decisions in the supply chain
- External and internal supply chain risks
- Methodology of supply chain mapping and value stream-mapping tools
- Coordinating requirements and information technology in the supply

Values and Graduate Attributes:

Values:

- V1.** Conduct supply chain management decisions in an ethical and socially responsible manner.
- V2.** Adopt innovative approaches to logistic/supply chain strategy to provide competitive advantage for organizations
- V3.** Integrate the role of manufacturing capabilities in pursuit of supply chain objectives
- V4.** Appreciate the nature of the interpersonal relationship (behavioural variables) and ethical issues in managing supply chain.

Graduate Attributes:

Course Outline (Higher Education)

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FedUni graduate attributes statement. To have graduates with knowledge, skills and competence that enable them to stand out as critical, creative and enquiring learners who are capable, flexible and work ready, and responsible, ethical and engaged citizens.

Attribute	Brief Description	Focus
Knowledge, skills and competence	Various classroom case studies, research critiques on supply chain practices will reinforce the need to broaden and deepen students' involvement with course material and motivate them to seek out further opportunities to apply and practice their management skills and techniques.	Medium
Critical, creative and enquiring learners	Students will learn about the importance of supply chain management measurement and management, and how to use contemporary information tools to support decision making in an integrated supply chain environment, which help them make independent and effective decisions.	High
Capable, flexible and work ready	Group work reinforces the importance of contributing to and collaborating with a diverse student cohort which prepares them for career and community engagement.	Medium
Responsible, ethical and engaged citizens	In-class exercises, guest speaker, case discussions and assignments will create a general awareness of corporate social responsibility that will allow them to appreciate the importance of adhering to ethical practices and design and implement social responsible supply chain strategy.	High

Learning Task and Assessment:

Learning Outcomes Assessed	Assessment Task	Assessment Type	Weighting
K1,K2 S1,S4	Research key supply chain issues from a company of their choice (subject to instructor approval)	Individual Assignment	20-30%
K3,K4 S2,S3,S4 A1,A2,A3	Consider supply chain opportunities and design and build systems to effectively respond to those opportunities	Group written report and oral presentation	30-40%
K1,K2,K3,K4 S1,S2 A1,A2	Demonstrate knowledge and application of the content and skills learned from this course	Examination (or other time constrained invigilated assessment, eg oral presentation)	30-50%

Adopted Reference Style:

APA