

KOL7005BS GLOBAL SUPPLY CHAIN AND LOGISTICS

1. MODULE SUMMARY

Aims and Summary

This module provides knowledge and a thorough understanding of the management of the supply chain function in contemporary organisations. The module will introduce the core concepts and theories that are pre-requisite for the successful management of supply chain and logistics within the overall context of the organisation. The overall fit of the supply chain function will be explored in the context of attaining and sustaining competitive advantage and world-class status for global organisations. The module will explore supply chain networks and the importance of building in resilience and integration into an organisation's supply chain. Current and emerging supply chain trends and concepts such as traceability, industry 4.0, the circular economy, management of inventory and lean management will also be discussed.

Module Size and credits

Module level	7
Credits	15
ECTS credits	7.5
Total student study hours	150
Total study weeks	12
Pre-requisites and co-requisites	None

2. TEACHING, LEARNING AND ASSESSMENT

Intended Module Learning Outcomes

On successful completion of this module, the learner should be able to:

1. Critically evaluate the complex organisational relationships of inventory, capacity and replenishment policies in the context of customer satisfaction and contemporary business constraints.
2. Analyse and critique a range of current and emerging global supply chain and logistics practices, trends, technologies and any subsequent issues that may arise.
3. Critically analyse, recommend and justify the selection of suitable logistics approaches for selected aspects of the supply and distribution systems of

various types of organisation.

4. Evaluate and critique globalisation and its impact on supply chain management, logistics and the environment.

Indicative Content

- Logistics, distribution and supply chain strategy, improvement strategies.
- Global outsourcing and supplier relations
- Globalisation and international trade
- SCM and Operations Management
- Purchasing
- Transport modes
- Warehouse location and management
- Inventory management
- Lean / JIT logistics and supply
- Managing quality in supply and logistics
- Technology, new trends in supply chain and logistics
- Sustainability in supply chain operations

Teaching and Learning

Learning will be facilitated through a variety of methods such as lectures, seminars, workshops, online activities and group work. Students are expected to engage in both class-based and online activities and discussions. This module requires students to participate in additional guided reading and self-directed study to reinforce the learning gained from traditional lectures and seminars.

The content materials are delivered by lectures and seminars and is available at the beginning of each semester on Canvas under the Module folder. The lectures cover the theoretical aspects and contemporary issues of topic areas together with their practical application, using real-world examples, exercises, assignments, group work and discussions.

Seminars consist of specially designed topical exercises and discussion questions to enhance students' understanding of the subject matter. Company visits, guest lectures and, where relevant, computer-based training packages may be used to supplement the lectures and seminars and help to achieve the intended learning outcomes.

Assessment Components

Component	Component Type (Core (P/F) / Applied Core (%))	Credits for this component	Learning Outcomes Assessed	Number of attempts allowed up to final deadline (Core Components only)
CW	Applied Core	5	1, 3	
EX	Applied Core	10	1, 2, 3, 4	

Details of Assessment Tasks

CW: A one-hour in-class test. Assesses learning outcomes 1 and 3.

EX: A two- hour (closed book) exam. Assesses learning outcomes 1, 2, 3 and 4.

Composition of module mark:	CW 5 credits and EX 10 credits
Pass requirements:	CW must be at least 40% and EX must be at least 40% and module mark must be at least 40%.

Method of Reassessment

Coursework and/or exam as appropriate

3. MODULE RESOURCES

Essential Reading List

Rushton, A., Croucher, P., & Baker, P. (2022). *The Handbook of Logistics and Distribution Management: Understanding the Supply Chain*. (7th ed.). London: Kogan Page.

Recommended Reading List

Recommended reading will be updated and detailed by the module leader.

An annually updated reading list including a list of other recourses such as contemporary Journal articles, reports and blogs will be provided.

In addition, students will be expected to carry out independent research to explore topics within contemporary publications in order to broaden their knowledge and understanding beyond the core content delivered in lectures.

Required Equipment

No special equipment needed.

Date of Approval

NOV 2022