Module Definition Form (MDF)

Module code: MOD009038	**Version:** 1 **Date Amended:** 31/Aug/2022

1. Module Title
Supply Chain Strategy and Practice

2a. Module Leader
Runwage Chihuri

2b. School
Faculty of Business Innovation and Entrepreneurship at ARU Peterborough

2c. Faculty
ARU Peterborough

3a. Level
7

3b. Module Type
Standard (fine graded)

4a. Credits
30

4b. Study Hours
300

5. Restrictions

Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:			

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

Supply chain management is a major strategic concern for organisations, it is often stated that individual organisations no longer compete, but that the impetus of competition has shifted to supply chains/networks. A number of strategic philosophies and techniques are explored on the module that focuses on improving the efficiency and effectiveness of supply chain flow. This module highlights how the ever-demanding customer creates a need for managing the network from raw materials to end customer across organisational interfaces. Therefore, supply chain networks rely on effective management of relationships and outsourcing arrangements. Supply chains can be fragile due to the participants and external risks, risk management strategies are applied within the module. Any logistics/supply chain strategy has to make trade-offs in terms of cost; quality; flexibility; dependability and time. These strategic priorities are explored in an intensive supply chain simulation game. The game simulates a product supply chain, including necessary functions produces results and statistics about the supply chain that you must improve over the course of the trimester. The overall aim is to provide an insight into the system consequences of decisions, focusing on operational decisions, e.g. procurement, manufacturing, distribution, transport etc. Here you'll work in teams, to represent the management of the company, developing a strategy and work together to implement their decisions. The impetus is on real-life practice and the impetus here is on learning by doing building on team-work; communication; analytical; project management; time management and presentation skills.

6b. Outline Content

- Defining the supply chain, its operations and its role in competitive advantage
- Customer value driven by supply chain management and customer service implications
- The business value use of logistics: balancing cost and time
- Information and material flow principles: push versus pull
- Strategies for managing supply chains/networks: lean versus agile
- Synchronisation and managing the logistics pipeline
- Complexities, decision-making and trade-offs within supply chain management processes: product development; procurement; manufacturing; distribution; transportation; customer service; demand generation; forecasting and information technology
- Designing and managing the supply network
- Outsourcing/relationship management in supply chains, including the differences between 2PL; 3PL and 4PL and features of outsourcing in logistics/supply chain
- Supply chain risks and barriers to supply chain integration
- Sustainability and the future of supply chain management

6c. Key Texts/Literature
The reading list to support this module is available at: https://readinglists.aru.ac.uk/

6d. Specialist Learning Resources
None

7. Learning Outcomes (threshold standards)

No.	Type	On successful completion of this module the student will be expected to be able to:
1	Knowledge and Understanding	Develop a systematic understanding of the relationship between strategic and operational supply chain management;
2	Knowledge and Understanding	Demonstrate a critical awareness of the implications and trade-offs of strategic decisions on supply chains and how to manage associated risks;
3	Knowledge and Understanding	Demonstrate systematic understanding of the relationship between supply chain processes and process improvement;
4	Intellectual, practical, affective and transferrable skills	Hone effective transferable management skills: task organisation and the management of capacities in groups; analysis; communication; confidence in presentation skills and efficient time management;
5	Intellectual, practical, affective and transferrable skills	Critically undertake analysis of a business scenario and develop a project plan for improvement;
6	Intellectual, practical, affective and transferrable skills	Synthesise and critically evaluate the information and performance mapping of business statistics and communicate these with confidence.

8a. Module Occurrence to which this MDF Refers

Year	Occurrence	Period	Location	Mode of Delivery
2026/7	ZZF	Template For Face To Face Learning Delivery		Face to Face

8b. Learning Activities for the above Module Occurrence			
Learning Activities	**Hours**	**Learning Outcomes**	**Details of Duration, frequency and other comments**
Lectures	0	N/A	N/A
Other teacher managed learning	49	1-6	2 hour Tutor-led Workshop (2hr x 11 weeks) 2 hour Student led Workshop (2 hr x 12 weeks) Cambridge and Chelmsford delivery: Screencast or equivalent (20 minute maximum) x 10 weeks minimum.
Student managed learning	251	1-6	Learning activities provided and explained on Canvas and assessment preparation.
TOTAL:	300		

9. Assessment for the above Module Occurrence

The assessment for some modules includes a presentation (see below for details on how this particular module is assessed). We recognise that presenting, especially to a large group, can cause significant anxiety or distress for some students. If this may affect you, please contact your Module Leader or the Disability and Neurodiversity Service as early as possible. We will work with you to consider appropriate reasonable adjustments. Depending on your individual needs, these might include, for example, presenting to a smaller group or presenting only to a member of academic staff.

Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
010	Practical	1 4 6	40 (%)	Fine Grade	40 (%)

Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
011	Coursework	1 3 5 6	60 (%)	Fine Grade	40 (%)

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:
(a) achieve the qualifying mark for each element of fine graded assessment as specified above
(b) pass any pass/fail elements

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]