

Module Details	
Module Title	Innovation in Logistics and Supply Chain Management
Module Code	OIM6013-B
Academic Year	2020/1
Credits	20
School	School of Management
Subject Area	Operations and Information Management
FHEQ Level	FHEQ Level 6
Pre-requisites	N/A
Co-requisites	N/A

Contact Hours	
Type	Hours
Tutorials	12
Lectures	24
Directed Study	164

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 2

Module Aims
To build on the concepts introduced in the Logistics and Supply Chain Management Module where students are introduced to the concept of supply chains/networks as an essential means of competitive advantage in all commercial/industrial activities. This module will focus on the need for change in the face of global challenges to existing business/logistics/supply chain models. The drivers for change will be identified and quantified as catalysts for innovation in supply chain design. The need for a holistic view of business models including moving to concepts such as servicisation or cradle to cradle manufacture will be analysed in terms of their impact on supply chain and logistics models. Innovation in supply chain design and applying it to improve current business models is the focus for this module

Outline Syllabus	
* Understanding business processes & process integration * Managing the supply chain as a network * Drivers of Supply Chain Performance: Inventory, Transportation, Facilities, Information * Understanding Innovation: radical v incremental, product v process and service v manufacturing * Innovation and their strategic role in supply chain * Decision making with respect to innovation in supply chain * Analysing and improving supply chain * Logistics as the driver of change & further logistics * Information communication technology and virtual supply chains * Triple Bottom Line	

Learning Outcomes	
Outcome Number	Description
LO1.1	Critically analyse the strategic role of logistics and supply chains in achieving commercial objectives in a particular business sector within the global context.
LO1.2	Critically analyse a business model from product/service design through to end of use and recovery stages from the global supply chain perspective.
LO1.3	Critically analyse a complex supply chain from the economic, social and environmental aspects.
LO2.1	Critically analyse the strategic choices companies make when designing supply chains.
LO2.2	Perform supply chain mapping to identify waste and areas for improvement in supply chains.
LO2.3	Design a sustainable business model for a defined business sector.
LO2.4	Present a business case for a new business model using the principle of Triple Bottom Line.
LO3.1	Summarise complex issues in a short presentation which will inform peers and encourage useful feedback to further develop your learning.
LO3.2	Use library, internet, and commercial resources to research supply chains and inform your analysis.
LO3.3	Write concise critical reviews focusing on key points.
LO3.4	Present a complex business case.
LO3.5	Effective working in a group.

Learning, Teaching and Assessment Strategy

To support the proposed Learning and teaching approach the split between formal lectures and tutorials is heavily weighted towards tutorials and personal research. Learning, teaching and assessment will be integrated.

Students will working on group projects within the workplace to apply the material introduced in the lectures. Each group will critically analyse the business model and supply chain of a selected business highlighting future challenges. They will use this analysis to re-design the business model with a focus on an effective and sustainable supply chain. Students will be supported through tutorial sessions, guided reading and personal research.

Groups will apply supply chain design methodologies to their chosen business sector and present their progress through the analysis and design stages in presentations during tutorial sessions (LOs1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4).

The presentations will receive formative feedback from peers and tutors and this feedback should then be used to improve their analysis or supply chain design. A final group report detailing the stages of analysis and final design will be submitted as summative assessment. Peer review will be applied to ensure a fair distribution of group marks and to encourage full participation as the group approach is core to the learning strategy (LOs 3.1, 3.2, 3.3, 3.4, 3.5)

Individuals will prepare an assignment critically reflecting on the relationship between a supply chain and a particular global challenge (LOs1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4).

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Coursework	Group Report 2500 to 3000 words	N/A	50%
Summative	Coursework	Individual assignment 1300 to 1500 words	N/A	50%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.