Module Details

Module Title:	Innovation in Logistics and Supply Chain Management (In Company)
Module Code:	OIM6012-B
Academic Year:	2019-20
Credit Rating:	20
School:	School of Management
Subject Area:	Operations and Information Management
FHEQ Level:	FHEQ Level 6
Pre-requisites:	
Co-requisites:	

Contact Hours

Type	Hours
Lectures	15
Tutorials	15
Directed Study	170

Availability

Occurrence	Location / Period
BDA	University of Bradford / Semester 2 (Feb - May)

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

Managing the supply chain: Creating the vision, the problems with conventional organisations; developing the logistics organisation; logistics as the driver of change; the need for an integrated approach; managing the supply chain as a network; process integration; co-manufacture and logistics partnerships; supplier development (the international context).
Future Logistics: The new organisational paradigm; designing and managing the supply chains of the future (key concepts); information technology and virtual supply chains;
Triple Bottom Line Accounting: social capital; environmental aspects and environmental impacts; circular economy; presenting the TBL.

Learning Outcomes

1	LO 1.1 Critically analyse the strategic role of supply chains in achieving commercial objectives in a particular business sector within the global context. LO 1.2 Critically analyse a business model from product/service design through to end of use and recovery stages from the global supply chain perspective. LO 1.3 Critically analyse a complex supply chain from the economic, social and environmental aspects.
2	LO 2.1 Critically analyse the strategic choices companies make when designing supply chains. LO 2.2 Perform supply chain mapping to identify waste and areas for improvement in supply chains. LO 2.3 Design a sustainable business model for a defined business sector. LO 2.4 Present a business case for a new business model using the principle of Triple Bottom Line Accounting
3	LO 3.1 summarise complex issues in a short presentation which will inform peers and encourage useful feedback to further develop your learning. LO 3.2 Use library, internet, and commercial resources to research supply chains and inform your analysis. LO 3.3 write concise critical reviews focusing on key points. LO 3.4 Present a complex business case. LO 3.5 Effective working in a group

Learning, Teaching and Assessment Strategy

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. Students will be supported through tutorial sessions, guided reading and personal research. Groups will apply supply chain design methodologies to their chosen business sector.. LOs1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4. 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.
To support the proposed Learning and teaching approach the split between formal lectures and tutorials is heavily weighted towards tutorials and personal research.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Coursework	Individual reflection	1200-1500 words	50%
Summative	Coursework	A group report	2500-3000 words	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.