

AGRI S7002: SCM Transport in the Food Industry

Module Details	
Module Code:	AGRI S7002
Full Title:	SCM Transport in the Food Industry APPROVED
Valid From::	Semester 1 - 2015/16 (September 2015)
Language of Instruction:	English
Duration:	1 Semester
Credits::	5
Module Owner::	Edel Healy
Departments:	Unknown
Module Description:	The aim of this module is to give the student an understanding of the logistics function and how competitive advantage can be gained through the use of an efficient integrated international transport system, which has been tailored to meet the needs of the Global Supply Chain.

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	Module Learning Outcome Description
MLO1	Analyse the mission and scope of Logistics and how it fits into the corporate strategy of an Agri-Food business.
MLO2	Evaluate the different elements in the role of international transport management, including IT.
MLO3	Assess the appropriate modes of transport, or service provider, for any product dispatch within the Agri-Food Industry.
MLO4	Evaluate the appropriate payment terms for any international transaction and be aware of all regulations and appropriate information technology.
Pre-requisite learning	
Module Recommendations	
<i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named DkIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
No recommendations listed	

Module Indicative Content
Learning and Teaching methods This subject will be taught through blended learning. This may be supplemented with site visits and guest lectures as appropriate. The web is a rich source of video material. Examples and case studies of World Class Companies like Dell, DHL, and Ryan Air and M & S Plan A will be used.
Logistics strategy. Logistics defined within its place in Global Supply Chain Management and how logistics strategy fits into a sustainable corporate strategy of an Agri-Food business. GS1. Lean Manufacturing
International transport. Defined and the essential features of an efficient and sustainable transportation system explored together with the associated documentation.
Modes of transport. Road, rail, air, water, pipeline, and wire. Their advantages, disadvantages and costs and relative impact on the environment.
Construction of road vehicles. Construction of road vehicles for efficient operation of a transportation system which minimises the impact on the environment.
Inter-modal transport systems. Factors to be considered when choosing and integrating the elements of the mode and inter-modal transport system.
European Union regulations. Drivers hrs and digital Tacho. The different CPC required. Transportation of dangerous substances.
International movement of goods. International movement of goods and the Incoterms and letters of credit. International ethics
Information Technology in SCM transport. Automatic tracking control of vehicles, loads and assets. Track and trace information, bar-coding, mobile computing and radio frequency technology.
Logistics in a European and Global context. Case studies of some of the Irish Agri-Food businesses selling their products in a European and Global basis.

Module Assessment	
Assessment Breakdown	%
Course Work	50.00%
Final Examination	50.00%
Module Special Regulation	

Assessments

Full Time On Campus			
Course Work			
Assessment Type	Written Report	% of Total Mark	50
Marks Out Of	0	Pass Mark	0
Timing	S1 Week 7	Learning Outcome	1,2,4
Duration in minutes	0		
Assessment Description One report on an agreed topic of their own selection concerning the international movement of goods. This may entail a visit to a company.			
No Project			
No Practical			
Final Examination			
Assessment Type	Formal Exam	% of Total Mark	50
Marks Out Of	0	Pass Mark	0
Timing	End-of-Semester	Learning Outcome	1,2,3,4
Duration in minutes	0		
Assessment Description End-of-Semester Final Examination			
Reassessment Requirement			
A repeat examination Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.			

Module Workload

Workload: Full Time On Campus

<i>Workload Type</i>	<i>Contact Type</i>	<i>Workload Description</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>	<i>Hours</i>
Lecture	Contact	No Description	Every Second Week	1.50	3
Independent Study	Non Contact	No Description	Every Week	6.00	6
Online Contact	Contact	No Description	Every Second Week	1.50	3
				Total Weekly Learner Workload	9.00
				Total Weekly Contact Hours	3.00

This module has no Part Time On Campus workload.

Module Resources

Recommended Book Resources

Lennon, T. SCM Transport, DkIT, Current year.

Supplementary Book Resources

Belobaba, Odoni & Barnhart. (2009), Global Airline Industry, Wiley.

Bowersox, Closs & Cooper. (2013), Supply Chain Logistics Management 4th Ed., McGraw-Hill.

Brandimarte & Zotteri. (2007), Introduction to Distribution Logistics, Wiley.

Hsiao-Fan Wang, Surendra M. Gupta. (2011), Green Supply Chain Management: Product Life Cycle Approach, 1st Ed.. McGraw Hill, [ISBN: 13 9780071622837].

Lambert, Stock. (2001), Strategic Logistics Management, McGraw-Hill.

Carter, R., Price, P.M., Emmett, S.. (2005), Stores and Distribution Management, 1st Ed. Liverpool Business Publishing.

This module does not have any article/paper resources

Other Resources

The world wide web is a very rich source of information on the whole area of SCM Transport - Particularly as a source of Videos..

Website, www.nitl.ie.

Website, www.ittoolbox.com.

website, UCD,

<http://www.ucd.ie/busadmin/schainlog.pdf>

Website, Logistics Cluster. Green Logistics,

<http://log.logcluster.org/operational-environment/green-logistics/index.html>

Link, Library Catalogue,

<http://tinyurl.com/mo2ghgy>

Link, Library Catalogue,

<http://tinyurl.com/plksv7u>