

Liverpool John Moores University

Title: SUSTAINABLE SUPPLY CHAIN MANAGEMENT
Status: Definitive
Code: **6130ENG** (117193)
Version Start Date: 01-08-2016

Owning School/Faculty: Maritime and Mechanical Engineering
Teaching School/Faculty: Maritime and Mechanical Engineering

Team	Leader
John Skiffington	Y

Academic Level: FHEQ6
Credit Value: 24
Total Delivered Hours: 48
Total Learning Hours: 240
Private Study: 192

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24
Practical	12
Tutorial	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Rpt		25	
Report	Rpt		25	
Report	Rpt		50	

Aims

To demonstrate to students that social responsibility and good environmental performance are not just activities that we carry out within our organisation walls. This module allows students to take an academic look at the different parts of the supply chain and their economic, ecological and social impacts.

Learning Outcomes

After completing the module the student should be able to:

- 1 Define an organisations supply chain and its particular characteristics.
- 2 Develop a sustainable supply chain management system
- 3 Determine supply priorities using a risk based approach
- 4 Determine the environmental impact of supplied materials and scope for alternatives.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Report 1	4	
Report 2	2	
Report 3	1	3

Outline Syllabus

Supply Chain Management: supply chain characteristics; supplier relationship management; supplier evaluation for pre-selection; tender specification; vendor rating; supplier auditing on ecological, environmental and social performance; assessment and ranking criteria; action plans and guidelines based on risk. Contracts; trade agreements and conditions; supplier communications.

Developing Sustainable Supply Chain Management: formulating strategy, codes of conduct; logistical networks and partnerships; supply chain performance measures; sustainable indexes; meetings; training; discussions and forums.

Internal / External stakeholders and influence on supply chain; consumer organisations; former associations; environmental groups; fair trade organisation; foreign trade associations; social accountability; international standard SA8000; ISO14001.

Material Acquisition: Compliance with legislation; security of supply; environmental / social product risk; material choice / selection; scope for alternative materials; importers ecological awareness.

Suppliers Social Awareness: Human Rights policy; Country democracy; ethical conflicts; war and famine; cultural standards; moral and religious values; equal rights; labour laws, child labour; health and safety; business charter for sustainability; sustainability labels; supply chain awards.

Learning Activities

This module explores the concepts and methodologies of sustainable supply chain management. A structured series of lectures and case studies help students develop their own perspective and skills required in this area of procurement management

Notes

A traditional approach to the delivery of this module - but a range of case studies and DVDs will help place module into context. There may be opportunity to invite industrialists into the lectures to discuss the topical subject.