

Liverpool John Moores University

Title: SUPPLY CHAIN MANAGEMENT
Status: Definitive
Code: **6061UG** (102214)
Version Start Date: 01-08-2016

Owning School/Faculty: Liverpool Business School
Teaching School/Faculty: Liverpool Business School

Team	Leader
David Bryde	Y

Academic Level: FHEQ6
Credit Value: 12
Total Delivered Hours: 17
Total Learning Hours: 120
Private Study: 103

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Online	12
Seminar	3

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	closed book	70	2
Report	AS2	student report	30	

Aims

To establish the principles of the value adding process through the construction supply chain and develop tools for controlling costs and minimising waste through the different transactions.

Learning Outcomes

After completing the module the student should be able to:

- 1 Evaluate and apply frameworks for the prediction of resource costs.
- 2 Develop and evaluate a financial control process through the different supply chain transactions.
- 3 Evaluate different forms of documentation used for design and cost information in various procurement strategies.
- 4 Evaluate analytical tools for function and value management/engineering and apply the correct tools in given scenarios.
- 5 Evaluate the effectiveness of collaborative contractual arrangements.

Learning Outcomes of Assessments

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

EXAM	1	3	4	5
REPORT	2	5		

Outline Syllabus

A definition of Supply Chain Management in construction. The standard contractual/project arrangements. New forms of collaborative working - possible effect on performance.

Function analysis of projects, FAST diagrams, the value chain.

Value Engineering and Value Management techniques - application to the value chain. Minimisation of waste.

Systems theory and the holistic management of projects.

Collaborative and Partnering Contracts - PPC and NEC3

Future trends in SCM in construction.

Learning Activities

Lectures and tutorials.

Notes

This module develops an understanding of the trend towards collaborative supply chain management and introduces tools and techniques to allow the development of more holistic project management strategies.