

## Liverpool John Moores University

Title: SUPPLY CHAIN MANAGEMENT  
Status: Definitive  
Code: **6014BEUG** (102794)  
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:** 26  
**Total Learning Hours:** 120  
**Private Study:** 94

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	12
Tutorial	12

**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.