

Module Title:	Supply Chain Management
Module Code:	BSCS03H
Level:	6
Credits:	15
Pre-requisites:	CONSTRUCTION AND MATERIALS TECHNOLOGY ; PRODUCTION OF BUILDINGS ; SITE MANAGEMENT PRACTICE

Module Description:

The module is designed to provide the student with an introduction to supply chain management within the construction industry. The module has been designed to identify the roles and responsibilities of the parties that are frequently employed by the owner/client direct in order to complete a satisfactory handover of the building works.

Indicative Content:

- Organisations: contractor employed sub-contractors, specialist subcontractors, nominated sub-contractors, named sub-contractors, labour only, artist and tradesmen, suppliers, manufacturers, prime cost sums.
 - Classification: by activities and function, organisations, work type and specialisation, trends and developments in practice.
 - Types of suppliers and component manufacturers, offsite manufacture, skill requirements.
 - Procurement methods and arrangements, planning, legal requirements.
 - Contractor's planning, purchasing, programming techniques, review of progress.
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Learning and Teaching Methods:

The module will be delivered through case studies using appropriate role play to develop an understanding of the application and difficulties in applying the contractual and procurement procedures. Learners will give presentations either individually or in groups. Where possible relationships will be made to workplace practices. Appropriate attention will be given to Health, Safety and Welfare arrangements and the CDM Regulations.

Module Specifications: *Schools of Construction and Engineering*

Specific Learning Resources:

Standard Forms of Contract

Bibliography

Highly Recommended

Chopra, S. and Meindl, P. (2009) Supply Chain Management 4th Edition Harlow: Pearson Education

Lysons, K. and Farrington, B. (2006) Purchasing and Supply Chain Management Harlow: Pearson Education

Pryke, S. (2009) Construction Supply Chain Management (Innovation in the Built Environment) Oxford: Blackwell Publishing Ltd

Recommended

Christopher, M. (2010) Logistics and Supply Chain Management 4th Edition Harlow: FT Prentice Hall

Ashworth, A. (2005) Contractual Procedures on the Construction Industry 5th Edition Harlow: Pearson Education

Background Reading

Lavender, S. (2000) Management for the Construction Industry Harlow: Longman

Cooke, B. and Williams, P. (2009) Construction Planning and Control 3rd Edition Chichester: Wiley-Blackwell

Griffith, A Watson, P (2004) Construction Management – Principles and Practice Basingstoke: Palgrave MacMillan

Module Learning Outcomes

Subject Specific Learning Outcomes

On successful completion of this module you will be able to:

LO 1	Evaluate the different kinds of supply chain management arrangements.
LO 2	Examine the size and scope of those involved with the trends in the development technologies and in the management and organisation of construction works.
LO 3	Analyse the procurement and contractual implications of different forms of contract.
LO 4	Analyse the work of the main contractor in respect of supply chain management.

Assessment Title or element

Weighting (%)

Module Specifications: Schools of Construction and Engineering

Presentation (week 5)	20%
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Case Study: 3,000 words (after Easter)	80%
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Information correct at point of publication.