

## Liverpool John Moores University

Title: MANAGEMENT PRINCIPLES & PROCUREMENT  
Status: Definitive  
Code: **4021BEHN** (102293)  
Version Start Date: 01-08-2011

Owning School/Faculty: Built Environment  
Teaching School/Faculty: Built Environment

Team	Leader
Wilfred Matipa	Y

**Academic Level:** FHEQ4  
**Credit Value:** 12.00  
**Total Delivered Hours:** 36.00  
**Total Learning Hours:** 120  
**Private Study:** 84

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	24.000
Tutorial	12.000

**Grading Basis:** BTEC

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Assignment 1	30.0	
Report	AS2	Assignment 2	70.0	

### Aims

*To provide an introduction to the basic principles of management of construction and property development, together with procurement processes and the roles and organisation of parties and firms contributing to development projects.*

*To establish the principles and the conventions for the procurement of construction work and to consider their application to the methods of project planning used by construction firms in the modern industry.*

*To analyse the roles of the various parties in the design, economic, financial and resource management of the construction and development process.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 List, and describe the roles of the various professionals engaged in the construction and development process.
- 2 Develop a problem solving approach to construction procurement.
- 3 List and describe the various procurement solutions suitable for a low rise residential development, together with appropriate documentation, highlighting the strengths and weaknesses of each approach.
- 4 Describe the parties' roles in the production and use of various forms of documentation used in the construction process.
- 5 Describe the principal features of project planning and organisation methods and identify and evaluate the different sources of information required.
- 6 Describe the principal features of Health and Safety Management, including CDM Regulations, including how they affect the management of projects.

## Learning Outcomes of Assessments

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

CW ASSIGNMENT 1	1	2	3			
CW ASSIGNMENT 2	1	2	3	4	5	6

## Outline Syllabus

### *Context:*

*The delivery of material at this level will be set in the context of a low rise residential development.*

### *Introduction:*

*The construction industry, its structure, interrelationships and contributors. Roles of the architect, building surveyor, quantity surveyor and construction manager. Roles of other built environment professionals. Communication in the construction team; Project Documentation*

*Project definition: Client types; clients' requirements; briefing: time, cost, quality and functional objectives; external influences: environmental issues.*

*Procurement arrangement options and documentation:*

*Contractual arrangements. Approaches to obtaining tenders. Procurement route selection: Simple selection procedures.*

*Documentation, drawings, specification, bills of quantities; Project Planning:*

*Resource programming and organisation; Cost Planning and Estimating from project information*

*Health and Safety Management:*

*Planning Supervisor and Principal Contractor, Health and safety Plan and Health and Safety File, CDM Regulations. Quality Assurance.*

## Learning Activities

Lectures and tutorials.

## References

<b>Course Material</b>	Book
<b>Author</b>	Cooke, B. & Williams, P.
<b>Publishing Year</b>	2004
<b>Title</b>	Construction Planning, Programming and Control
<b>Subtitle</b>	
<b>Edition</b>	2nd Edition
<b>Publisher</b>	Blackwell
<b>ISBN</b>	1405121483

<b>Course Material</b>	Book
<b>Author</b>	Smith, R.C.
<b>Publishing Year</b>	1986
<b>Title</b>	Estimating and Tendering for Building Work
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Longman
<b>ISBN</b>	0582411734

<b>Course Material</b>	Book
<b>Author</b>	Seeley, I.H.
<b>Publishing Year</b>	1997
<b>Title</b>	Quantity Surveying Practice
<b>Subtitle</b>	
<b>Edition</b>	2nd Edition
<b>Publisher</b>	Macmillan
<b>ISBN</b>	0333689070

<b>Course Material</b>	Book
<b>Author</b>	Franks, J.
<b>Publishing Year</b>	1998
<b>Title</b>	Building Procurement Systems: a client's guide
<b>Subtitle</b>	
<b>Edition</b>	3rd Edition
<b>Publisher</b>	Longman
<b>ISBN</b>	0582319269

<b>Course Material</b>	Book
<b>Author</b>	Turner, A.
<b>Publishing Year</b>	1997

<b>Title</b>	Building Procurement
<b>Subtitle</b>	
<b>Edition</b>	2nd Edition
<b>Publisher</b>	Macmillan
<b>ISBN</b>	0333688090

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### **Notes**

The module provides an introduction to the management and procurement of construction and development projects and the main methods used for their planning and execution.