

## Liverpool John Moores University

Title: CONSTRUCTION SITE MANAGEMENT  
Status: Definitive  
Code: **6153UG** (102680)  
Version Start Date: 01-08-2011

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

Team	Leader
Larry Wilkinson	Y
Edward Ochieng	

**Academic Level:** FHEQ6      **Credit Value:** 12.00      **Total Delivered Hours:** 24.00  
**Total Learning Hours:** 120      **Private Study:** 96

### Delivery Options

Course typically offered: Summer

Component	Contact Hours
Lecture	12.000
Tutorial	12.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Project based on an industry case study - 5000 words or equivalent	100.0	

### Aims

*To reinforce and develop the students construction management knowledge and skills specifically in the construction production process.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Apply management theory and practice to the modern construction production process.
- 2 Devise and evaluate quality management systems.
- 3 Analyse construction health and safety risks and devise safe systems of work.
- 4 Develop financial plans, budgets and cost control/value management strategies for the production process.
- 5 Assess the resource implications for time/cost optimisation and project acceleration using industry standard software.
- 6 Evaluate alternative methods of human resources management that can be used in the construction production process..

## Learning Outcomes of Assessments

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

PORTFOLIO                      1    2    3    4    5    6

## Outline Syllabus

*Health and safety management*

*Total quality management*

*Programming, resource implications, time cost applications and project acceleration*

*Resource management including human resources*

*Financial planning, budgets, cost, value, cash flow, capital lock up, profit*

*Supply chain management*

*Human Resources Management relevant to construction*

*Risk Management*

## Learning Activities

Lectures, tutorials, seminars, computer workshops and case studies.

## References

<b>Course Material</b>	Book
<b>Author</b>	Pilcher, R.
<b>Publishing Year</b>	1992
<b>Title</b>	Principles of Construction Management
<b>Subtitle</b>	
<b>Edition</b>	3rd edition
<b>Publisher</b>	McGraw Hill
<b>ISBN</b>	0077072367

<b>Course Material</b>	Book
<b>Author</b>	Latham, M.

<b>Publishing Year</b>	1994
<b>Title</b>	The Latham Report :Constructing the Team
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	HMSO
<b>ISBN</b>	011752994X

<b>Course Material</b>	Book
<b>Author</b>	Egan, J.
<b>Publishing Year</b>	1998
<b>Title</b>	The Egan Report :Rethinking Construction
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	DETR
<b>ISBN</b>	1851120947

<b>Course Material</b>	Book
<b>Author</b>	Potts, K.
<b>Publishing Year</b>	1995
<b>Title</b>	Major Construction Works Contractual and Financial Management
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Longman
<b>ISBN</b>	0582102987

<b>Course Material</b>	Book
<b>Author</b>	Reiss, G.
<b>Publishing Year</b>	1998
<b>Title</b>	Project Management Demystified
<b>Subtitle</b>	
<b>Edition</b>	2nd edition
<b>Publisher</b>	Spons
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Kirkham, R.
<b>Publishing Year</b>	2007
<b>Title</b>	Ferry and Brandons Cost Planning of Buildings
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Blackwells
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Harris, F. and McCaffer, R.
<b>Publishing Year</b>	2006

<b>Title</b>	Modern Construction Management
<b>Subtitle</b>	
<b>Edition</b>	6th edition
<b>Publisher</b>	Blackwell
<b>ISBN</b>	9781405133258

<b>Course Material</b>	Book
<b>Author</b>	Cooke, B. and Williams, P.
<b>Publishing Year</b>	0
<b>Title</b>	Construction Planning Programming and Control
<b>Subtitle</b>	
<b>Edition</b>	2nd edition
<b>Publisher</b>	Macmillan
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Fryer, B.
<b>Publishing Year</b>	2004
<b>Title</b>	The Practice of Construction Management
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Blackwell
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Canter, M.R.
<b>Publishing Year</b>	0
<b>Title</b>	Resource Management for Construction
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Macmillan
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Walker, A.
<b>Publishing Year</b>	2002
<b>Title</b>	Project Management in Construction
<b>Subtitle</b>	
<b>Edition</b>	4th edition
<b>Publisher</b>	Blackwell
<b>ISBN</b>	

---

## Notes

This module is designed to equip the student with the requisite knowledge and skills to manage the modern construction production process.

