

Liverpool John Moores University

Title: CONSTRUCTION SITE MANAGEMENT
Status: Definitive
Code: **6509BEDA** (118741)
Version Start Date: 01-08-2011

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

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Academic Level: FHEQ6 **Credit Value:** 24.00 **Total Delivered Hours:** 28.00
Total Learning Hours: 240 **Private Study:** 212

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Online	24.000
Seminar	1.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS2	CLOSED BOOK	70.0	3.00
Report	AS1		30.0	

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 Critically evaluate the legal, business and moral aspects of health and safety management.
- 4 Critically appraise the need for financial budgets, cash flow forecasts and cost /value management strategies for the production process.
- 5 Assess the resource implications for time/cost optimization and project acceleration using current industry standard software.
- 6 Critically assess the effectiveness of supply chain relationships in modern day construction.
- 7 Evaluate the risks that occur throughout the construction process.

Learning Outcomes of Assessments

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

EXAMINATION	1	2	4	6	7
SCENARIO BASED	3	5			

Outline Syllabus

Health and safety management

Total quality management

Programming, resource implications, time cost applications and project acceleration

Financial planning, budgets, cost, value reconciliation and the importance of cash flow

Supply chain management

Human Resources Management relevant to construction

Risk Management from bid selection to the end of defects liability.

Forms of contract, extensions of time and project acceleration

Waste management

Learning Activities

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

References

Course Material	Reports
Author	Latham M
Publishing Year	2004
Title	'The Latham Report: Constructing the Team'
Subtitle	

Edition	
Publisher	HMSO
ISBN	011752994X

Course Material	Reports
Author	Egan J
Publishing Year	1998
Title	'The Egan Report: Rethinking Construction'
Subtitle	
Edition	
Publisher	DETR
ISBN	1851120947

Course Material	Book
Author	Harris F, McCaffer R
Publishing Year	2006
Title	'Modern Construction Management'
Subtitle	
Edition	6th
Publisher	Blackwell
ISBN	9781405133258

Course Material	Book
Author	Cooke B and Williams P
Publishing Year	2009
Title	'Construction Planning Programming and Control'
Subtitle	
Edition	3rd
Publisher	Wiley Blackwell
ISBN	9781405183802

Course Material	Book
Author	Fryer B
Publishing Year	2004
Title	'The Practice of Construction Management'
Subtitle	
Edition	4th
Publisher	Blackwell
ISBN	405111000

Course Material	Book
Author	Walker A
Publishing Year	2007
Title	'Project Management in Construction'
Subtitle	
Edition	5th
Publisher	Blackwell

ISBN	139781405158244
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Course Material	Book
Author	McGeorge D and Palmer A
Publishing Year	
Title	'Construction Management-new directions'
Subtitle	
Edition	2nd
Publisher	Blackwell
ISBN	0632060425

Course Material	Book
Author	Julian Richer
Publishing Year	1999
Title	'Richer on Leadership'
Subtitle	
Edition	1st
Publisher	Richer Publishing
ISBN	0953441504

Course Material	Book
Author	Womack J and Jones D
Publishing Year	2003
Title	'Lean Thinking'
Subtitle	
Edition	1st
Publisher	Simon and Schuster
ISBN	139780743231640

Course Material	Journal / Article
Author	OGC
Publishing Year	2005
Title	'Successful Delivery Toolkit: Risk and Value Management'
Subtitle	
Edition	
Publisher	HMSO
ISBN	

Course Material	Book
Author	Torrington D, Taylor S and Hall L
Publishing Year	
Title	'Human Resources Management'
Subtitle	
Edition	7th
Publisher	Prentice Hall
ISBN	9780273710752

Course Material	Book
Author	HSE
Publishing Year	2007
Title	'Managing Health and Safety in Construction'
Subtitle	
Edition	
Publisher	HSE Books
ISBN	9780717662234

Course Material	Book
Author	Hughes P and Ferret E
Publishing Year	2008
Title	'Introduction to Health and Safety in Construction'
Subtitle	
Edition	3rd
Publisher	Butterworth-Heinemann
ISBN	9780750681117

Notes

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