Liverpool John Moores University

Title:	CONSTRUCTION SITE MANAGEMENT 3
Status:	Definitive
Code:	**6001BEUG** (102781)
Version Start Date:	01-08-2011
Owning School/Faculty:	Built Environment
Teaching School/Faculty:	Built Environment

Team	Leader
Larry Wilkinson	Y

Academic Level:	FHEQ6	**Credit Value:**	12.00	**Total Delivered Hours:**	61.00
Total Learning Hours:	120	**Private Study:**	59		

Delivery Options
Course typically offered: Semester 1

Component	Contact Hours
Lecture	36.000
Seminar	4.000
Tutorial	12.000
Workshop	6.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	unseen	70.0	3.00
Essay	AS2	written assignment	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 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 Evaluate alternative industry standard software that is used for assessing the resource implications for time/cost optimisation and project acceleration.
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:

EXAM	1	2	6
ASSIGNMENT	3	4	5

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
Lean construction
Contractual relationships

Learning Activities

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

References

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

Course Material	Book
Author	Latham, M.
Publishing Year	1994
Title	The Latham Report
Subtitle	Constructing the Team
Edition	
Publisher	HMSO
ISBN	011752994X

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

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

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

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

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

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

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

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

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

Course Material	Book
Author	Pilcher, R.

Publishing Year	1994
Title	Project Cost Control in Construction
Subtitle	
Edition	2nd Edition
Publisher	Blackwell
ISBN	0632036370

Notes

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