

Liverpool John Moores University

Title: CONSTRUCTION SITE MANAGEMENT
Status: Definitive
Code: **6109BEUG** (118013)
Version Start Date: 01-08-2019

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

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 24 **Total Delivered Hours:** 75
Total Learning Hours: 240 **Private Study:** 165

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	36
Tutorial	36

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Scenario Based	30	
Exam	AS2	Closed Book Exam	70	3

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:

SCENARIO BASED	3	5			
EXAMINATION	1	2	4	6	7

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.

Notes

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