

## Liverpool John Moores University

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Title: CONSTRUCTION SITE MANAGEMENT  
Status: Definitive  
Code: **6007UGSL** (120286)  
Version Start Date: 01-08-2020  
  
Owning School/Faculty: Civil Engineering and Built Environment  
Teaching School/Faculty: ICBT, Colombo

Team	Leader
Larry Wilkinson	Y
Wilfred Matipa	

**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	REPORT	30	
Exam	AS2	CLOSED BOOK	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.