

## Liverpool John Moores University

Title: SITE PRODUCTION MANAGEMENT  
Status: Definitive  
Code: **5548BEKL** (125471)  
Version Start Date: 01-08-2020

Owning School/Faculty: Civil Engineering and Built Environment  
Teaching School/Faculty: Imperia College

Team	Leader
Raj Shah	Y
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**Academic Level:** FHEQ5      **Credit Value:** 20      **Total Delivered Hours:** 52  
**Total Learning Hours:** 200      **Private Study:** 148

### Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	20
Tutorial	10
Workshop	20

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Scenario Based	50	
Exam	AS2	Closed Book	50	2

### Aims

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

### Learning Outcomes

After completing the module the student should be able to:

- 1 Evaluate the concept of team working and collaboration throughout the project lifecycle including roles and responsibilities at each stage of the process.
- 2 Examine methods available for planning and organising construction projects using industry standard software.
- 3 Consider sustainability throughout the construction process, in particular analysing the effect of environmental legislation and management of waste.
- 4 Evaluate Health & Safety legislation and its impact upon the design and construction phases of a project.

### **Learning Outcomes of Assessments**

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

Scenario Based	1	2	3	4
Closed Book	1	3	4	

### **Outline Syllabus**

*Sustainability – Environmental KPI's, Waste, EMS, Sustainable Construction Processes*

*Health & Safety – Hazard identification, RAMS, CDM, RIDDOR*

*Planning – Planning, Logistics, Programme Development, Activity Durations, Sequencing and Logic, Cost Forecasting*

*Team working/Collaboration – Team roles and responsibilities, Communication, Organisation, Conflict, BIM.*

### **Learning Activities**

Mix of lectures, tutorials and workshops. The workshops will be practical in nature and can be based around the use of IT. Guest lectures and industry scenarios.

### **Notes**

The module will equip the students with the knowledge and skills of the construction production process, particularly focusing and managing resources, environmental considerations and health and safety.