

**Summary Information**

<b>Module Code</b>	5336BEUG
<b>Formal Module Title</b>	Site Construction Management
<b>Owning School</b>	Civil Engineering and Built Environment
<b>Career</b>	Undergraduate
<b>Credits</b>	20
<b>Academic level</b>	FHEQ Level 5
<b>Grading Schema</b>	40

**Module Contacts**

**Module Leader**

Contact Name	Applies to all offerings	Offerings
Sian Dunne	Yes	N/A

**Module Team Member**

Contact Name	Applies to all offerings	Offerings
Ibijoke Idowu	Yes	N/A
Laurence Brady	Yes	N/A

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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**Teaching Responsibility**

<b>LJMU Schools involved in Delivery</b>
Civil Engineering and Built Environment

## Learning Methods

Learning Method Type	Hours
Lecture	20
Tutorial	10
Workshop	20

## Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	12 Weeks

## Aims and Outcomes

<b>Aims</b>	To develop the students construction management knowledge and skills in the construction production process.
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## Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Evaluate the concept of team working and collaboration throughout the project lifecycle including roles and responsibilities at each stage of the process.
MLO2	Examine methods available for planning and organising construction projects using industry standard software.
MLO3	Consider sustainability throughout the construction process, in particular analysing the effect of environmental legislation and management of waste.
MLO4	Evaluate Health & Safety legislation and its impact upon the design and construction phases of a project.
MLO5	Consider how project planning can recognise the significance of commissioning and handover procedures for building services engineering

## Module Content

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, Co-ordination of building services engineering within overall programme Team working/Collaboration – Team roles and responsibilities, Communication, Organisation, Conflict, BIM.

### Module Overview

This module develops the students' construction management knowledge and skills in the construction production process.

### Additional Information

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.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Scenario Based	50	0	MLO3, MLO1, MLO5, MLO4, MLO2
Centralised Exam	Exam	50	2	MLO3, MLO1, MLO5, MLO4