

# Construction Site Management

## Module Information

2022.02, Approved

### Summary Information

Module Code	6220BEUG
Formal Module Title	Construction Site Management
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

### Learning Methods

Learning Method Type	Hours
Lecture	20
Tutorial	10
Workshop	20

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

### Aims and Outcomes

Aims	This module develops the knowledge and skills further within the area of construction site management. In particular considering, Health, Safety and Welfare, site processes including planning, quality, risk and environmental considerations. The practical skills of using industry standard programming tools will be developed further including BIM.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Critically evaluate resource implications for time and cost optimisation and project acceleration.
MLO2	2	Analyse and assess project risk and create methods for the estimation and management of risk on construction projects.
MLO3	3	Devise and evaluate quality management systems.
MLO4	4	Critically appraise health and safety management in relation to production processes, evaluating the Industry in terms of culture, behaviour and ethical practices.

### Module Content

Outline Syllabus	Quality – QMS, SCM, TQM, LeanHealth & Safety – Behavioural safety, culture, ethics, business drivers, OHSMSRisk – Finance, Contractual (BREEAM/BIM), Statutory (Planning, Building Regs, Design)Programme Evaluation – Progress, Resources, Acceleration, Delay, Disruption,Use of industry standard planning software
Module Overview	This module develops your knowledge and skills further within the area of construction site management. This considers Health, Safety and Welfare, and site processes including planning, quality, risk and environmental considerations. The practical skills of using industry standard programming tools will be developed further, including BIM.
Additional Information	This module is designed to equip students with the requisite knowledge and skills to manage the modern construction production process.On the Building Services Engineering Degree Apprenticeship programme, the knowledge learning outcomes are K4 and K6.On the Construction Management Degree Apprenticeship programme, the knowledge learning outcomes are K3, K4, K5, K8, K14, K15 and the skills learning outcomes are S1, S2, S10 and S11.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Industry scenario based	50	0	MLO4, MLO3, MLO1, MLO2
Centralised Exam	Closed Book Exam	50	2	MLO4, MLO3, MLO2

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings

Sian Dunne	Yes	N/A
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**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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