

Construction Site Management

Module Information

2022.01, Approved

Summary Information

Module Code	6500ICBTBS
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
LJMU Partner Taught

Partner Teaching Institution

Institution Name
International College of Business and Technology

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-PAR	PAR	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	
Additional Information	This module is designed to equip students with the requisite knowledge and skills to manage the modern construction production process.

Assessments

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

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Alison Cotgrave	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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