

Risk Management

Module Information

2022.01, Approved

Summary Information

Module Code	6301BEUG
Formal Module Title	Risk 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	22
Workshop	22

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To perform a risk assessment with a specific focus of commercial aspects for a given construction project; and to advise project participants to mitigate identified risks.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify risks for construction projects and apply adequate techniques to quantify them using information technology.
MLO2	2	Critically evaluate and choose among various strategies to mitigate the risks.
MLO3	3	Advising various project participants on the appropriate level of contingency based on priori risk assessment.
MLO4	4	Advising on the procurement route in relation to the risks inherit in the project.

Module Content

Outline Syllabus	Introduction to risk management Quantitative and qualitative techniques Risk identification / mitigation for construction projects Financial risks management for construction projects Procurement and contract risk management for construction projects
Module Overview	
Additional Information	As Risk Management being fundamental to successful delivery of construction projects, this module will equip students with the skillset to develop a systematic approach in assessing and mitigating project relevant risks.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Technology	Software assignment	50	0	MLO1, MLO2
Report	Synthesis Paper	50	0	MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Atousa Khodadadyan	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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