

Individual Student Project

Module Information

2022.01, Approved

Summary Information

Module Code	5511ICBTCE
Formal Module Title	Individual Student Project
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	15
Academic level	FHEQ Level 5
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	30
Tutorial	30

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
APR-PAR	PAR	April	12 Weeks
JAN-PAR	PAR	January	12 Weeks

SEP_NS-PAR	PAR	September (Non-standard start date)	12 Weeks
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Aims and Outcomes

Aims	The module aims to enable you to complete a substantial piece of individual work and build on your expertise in a selected area of study. It aims to develop your research, time management, presentation and written communication skills.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify a research question, problem or hypothesis and establish aims and objectives to support the investigation and communicate the planned project work using standard methods and tools.
MLO2	2	Collate and appraise existing knowledge in a Civil Engineering field and present a critical evaluation in the form of a literature review.
MLO3	3	Develop a research and data collection strategy appropriate to the research question/problem posed and source, collect, and analyse relevant and original qualitative and/or quantitative data.
MLO4	4	Discuss and communicate the research findings using reasoned and logical arguments within a structured written framework.

Module Content

Outline Syllabus	Introduction to the Individual Project- The selection of a Research Topic and formulation of a research question.- Establishing a research aim and setting / tailoring objectives to fulfil that goal- The structure and purpose of Individual Project-Importance of literature study and identification of knowledge gaps-Use of appropriate referencing systemResearch Approaches and Strategies- The Inductive versus Deductive Approach- Qualitative and Quantitative Research- Data Collection Strategies (Interviews, Field Tests, Lab Tests, Surveys, Questionnaires, Case Studies)- The Knowledge Database. Effective Literature Searching and Literature ReviewsData Collection and Analysis- Data Collection Tools including Bristol on-line surveys/Google form/etc., Use of OneNote/ etc.- Qualitative and Quantitative Data Analysis- Data Analysis tools including SPSS and NVivo
Module Overview	
Additional Information	

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Presentation	Report (2500 words)	70	0	MLO2, MLO3, MLO4
Portfolio	Presentation	30	0	MLO1

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Karl Jones	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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