

Civil Engineering Project

Module Information

2022.01, Approved

Summary Information

Module Code	5206CIV
Formal Module Title	Civil Engineering Project
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	22
Seminar	22
Workshop	17

Module Offering(s)

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

Aims and Outcomes

Aims	1. To enable the student to develop the academic and digital literacy skills necessary to perform effectively in a Higher Education context 2. To develop students' understanding of their professional subject area, and their skills in team work in a collaborative environment using industry standard collaborative CAD and design tools. 3. To develop student's self awareness skills, and their personal development planning through CPD 4. To develop students understanding of Risk Management, Health and Safety and sustainability
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Work and communicate professionally in a collaborative team environment.
MLO2	2	Apply BIM to design, demonstrating professional and ethical conduct.
MLO3	3	Plan for their personal, educational and career development
MLO4	4	Produce sustainability and environmental impact reports
MLO5	5	Make use of computer simulation within the context of civil engineering, and demonstrate an understanding of the limitations of the simulation

Module Content

Outline Syllabus	Design in a collaborative context Use of BIM Theory and practice of group working Risk assessment and risk management Sustainability and Environmental impact assessment Construction programme planning Academic Literacy, report writing, research skills, referencing, critical thinking Presentation skills CPD and PDP, reflective practice, ICE membership requirements
Module Overview	This module develops your knowledge of management concepts within Civil Engineering through a variety of tasks, mostly working in groups but with elements of individual work. The module will enable you to develop the academic and digital literacy skills necessary to perform effectively in a Higher Education context.
Additional Information	The module develops the students' knowledge of management concepts within Civil Engineering through a variety of tasks, mostly working in groups but with elements of individual work. Students will continue to develop their communication skills. Where this module is part of a Degree Apprenticeship programme, the knowledge learning outcomes are K1, K3, K7 and K8, the skills learning outcomes are S1, S4, S9 and S10 and the behaviours learning outcomes are B8.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	REPORT ON GROUP DESIGN PROJECT	50	0	MLO1, MLO2, MLO4
Portfolio	CPD PORTFOLIO	50	0	MLO1, MLO3, MLO4, MLO5

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Maria Ferentinou	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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