

Design and Skills Project

Module Information

2022.01, Approved

Summary Information

Module Code	4206CIV
Formal Module Title	Design and Skills Project
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	22
Seminar	66
Workshop	17

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	28 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 introduce students to their professional subject area whilst providing them with an early opportunity to engage in a collaborative environment. 3. To develop student's self awareness skills and introduce them to CPD and personal development planning.
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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 professional and ethical conduct to design, demonstrating knowledge of the professional codes of conduct.
MLO3	3	Reflect upon their learning, performance and achievement and plan for their personal, educational and career development.
MLO4	4	Apply understanding of the International nature of Civil Engineering, together with concepts from outside Civil Engineering, and apply these to a sustainable design project.
MLO5	5	Produce a basic risk assessment
MLO6	6	Demonstrate a basic understanding of entrepreneurship

Module Content

Outline Syllabus	Design in an International context Theory and practice of group working Introduction to Risk assessment and risk management Introduction to entrepreneurship Introduction to construction programme planning Academic Literacy, report writing, research skills, referencing, critical thinking Presentation skills CPD and PDP, learning style, reflective practice, ICE membership requirements
Module Overview	The module introduces you to Civil Engineering through a variety of group work tasks, mostly working in groups but with elements of individual work including personal development planning. You will develop the academic and digital literacy skills necessary to perform effectively in a Higher Education context and develop your self-awareness skills after being introduced to CPD and personal development planning.
Additional Information	The module introduces the students to Civil Engineering through a variety of group work tasks, mostly working in groups but with elements of individual work including personal development planning. Where this module is part of a Degree Apprenticeship programme, the knowledge learning outcomes are K1, K6, K7, K8 and K9, the skills learning outcomes are S1, S2, S5, S6, S8, S10 and S11 and the behaviours learning outcomes are B4 and B8

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	CPD PORTFOLIO	30	0	MLO1, MLO2, MLO3, MLO4, MLO6
Future Focus e-learning task	SELF-AWARENESS STATEMENT	10	0	MLO3

Report	GROUP DESIGN <2500 WORDS	60	0	MLO1, MLO2, MLO4, MLO5
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Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Joseph Amoako-Attah	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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