

Liverpool John Moores University

Title: DESIGN AND SKILLS PROJECT
Status: Definitive
Code: **4206CIV** (122916)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Civil Engineering and Built Environment

Team	Leader
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 105

Total Learning Hours: 200 **Private Study:** 95

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	22
Seminar	66
Workshop	17

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	CPD PORTFOLIO	30	
Future Focus e-learning task	AS3	SELF-AWARENESS STATEMENT	10	
Report	AS2	REPORT ON GROUP DESIGN PROJECT (<2500 WORDS)	60	

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.

Learning Outcomes

After completing the module the student should be able to:

- 1 Work and communicate professionally in a collaborative team environment.
- 2 Apply professional and ethical conduct to design, demonstrating knowledge of the professional codes of conduct.
- 3 Reflect upon their learning, performance and achievement and plan for their personal, educational and career development.
- 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.
- 5 Produce a basic risk assessment
- 6 Demonstrate a basic understanding of entrepreneurship

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

CPD PORTFOLIO	1	2	3	4	6
SELF-AWARENESS STATEMENT	3				
GROUP DESIGN <2500 WORDS	1	2	4	5	

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

Learning Activities

Lectures, workshops, including group work and presentations

Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed by the involvement of employers and stakeholders as relevant to the workplace generally.

Notes

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.