

Summary Information

Module Code	7201CIV
Formal Module Title	Work Based Learning Innovation
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	5
Seminar	6

Module Offering(s)

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

Aims and Outcomes

Aims	This module develops student knowledge and understanding of the Civil Engineering Profession by making use of the opportunities available within the workplace. The module will work with students on the development of their professional portfolio, within the context of master's level design and evaluative skills development. Students will develop systems approach to the solution of complex problems, and evaluate sustainability of designs. They will work from this to further development of their Civil Engineering 'attainments'.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify and classify the performance of systems, and apply a systems approach to solving complex problems
MLO2	2	Monitor and adjust a personal programme of work.
MLO3	3	Demonstrate an understanding of the need for a high level of professional and ethical conduct in civil engineering and a knowledge of professional codes of conduct.
MLO4	4	Evaluate the sustainability of a civil engineering project, and design effectively within the constraints of the 'triple bottom line' (social, environmental and economic).
MLO5	5	Generate an innovative design for construction, products, systems, components or processes to fulfil new needs.

Module Content

Outline Syllabus	Reflection and report on learning through work in the Civil Engineering Profession. The work (supplemented by CPD) must include the following: Routes and required attainments for membership of ICE, IStructE, CIHT, IHE, CIWEM, reflection on the creative and innovative development of engineering solutions in the workplace, reflection on the introduction of new and advancing technology in the workplace, the performance of systems and application of the systems approach to solving complex problems, management of people and projects, safe systems of work and relevant legislation and best practice in Sustainable development.
Module Overview	
Additional Information	This module is linked to direct work experience, gained on projects in the work place. In order to choose this option a student will need the support of a Civil Engineer who will act as their work place mentor, and sufficient time at their place of work to achieve the learning outcomes. Assuming that no more than half the time at work will support the learning outcomes, this would approximate to 10 weeks' work at level 7 (i.e. after completion of level 6). All work based learning needs to be assessed and approved prior to commencement in line with the LJMU Placement Learning Code of Practice.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	REPORT (<2000 WORDS)	40	0	MLO1, MLO2, MLO3, MLO4
Portfolio	Portfolio	60	0	MLO2, MLO3, MLO4, MLO5

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Felicite Ruddock	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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