

Summary Information

Module Code	7200CIV
Formal Module Title	Civil Engineering Professional Practice
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Ana Armada Bras	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Yaser Jemaa	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	33
Seminar	22

Module Offering(s)

Offering Code	Location	Start Month	Duration
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	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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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Identify and classify the performance of systems, and apply a systems approach to solving complex problems
MLO2	Monitor and adjust a personal programme of work.
MLO3	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	Evaluate the sustainability of a civil engineering project, and design effectively within the constraints of the 'triple bottom line' (social, environmental and economic).
MLO5	Generate an innovative design for construction, products, systems, components or processes to fulfil new needs.

Module Content

Outline Syllabus
Routes and required attainments for membership of ICE, IStructE, CIHT, IHE, CIWEM Case studies in the creative and innovative development of engineering solutions Case studies in enabling the introduction of new and advancing technology 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 Best practice in Sustainable development

Module Overview

In this module you will work on the development of a professional portfolio, within the context of masters level design and evaluative skills development. You will develop a systems approach to the solution of complex problems and evaluate sustainability of designs. You will work from this to further your development of Civil Engineering 'attainments.'

Additional Information

This module develops students' understanding of professional practice within Civil Engineering, and develops their Engineering attributes. Students will undertake CPD and develop an understanding of its importance. Students will develop as independent learners.

Assessments

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