

Summary Information

Module Code	5342BEUG
Formal Module Title	The Professional Environment
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 5
Grading Schema	40

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Ibijoke Idowu	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Laurence Brady	Yes	N/A
Saiful Bhuiyan	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	11
Tutorial	11

Module Offering(s)

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

Aims and Outcomes

Aims	To allow students to prepare for their transition from classroom learning to operating in professional practice environments. This includes exploration of how engineering fits in the wider construction industry and the various communication methods required to co-ordinate projects and comply with relevant contractual agreements.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Plan for personal, educational and career development.
MLO2	Evaluate the role of communication as part of a professional design team.
MLO3	Compare and contrast the differing nature of contractual relationships within building services engineering.
MLO4	Make use of computer applications within the context of building services/architectural design or post occupancy facilities management.

Module Content

Outline Syllabus
How building services engineers must appreciate the various roles and priorities within a multi-discipline professional team including the intricacies of partner disciplines and coordination requirements. How the key aspects of contracts appear in different contractual arrangements. The value of building services/architectural engineering in energy efficiency and contributing to reduced life-cycle costs and carbon emissions. Software applications in design, simulation or facilities management. The benefits and various methods/tools used to convey information so that errors and ambiguities within projects may be avoided. Personal strategies for career development and maintenance of optimum skills and knowledge

Module Overview

This module allows students to prepare for their transition from classroom learning to operating in professional practice environments. This includes exploration of how engineering fits in the wider construction industry and the various communication methods required to co-ordinate projects and comply with relevant contractual agreements.

Additional Information

The module introduces students to the necessity of co-ordination between disciplines for construction professionals through an analysis of project management situations, combined with an examination of the need for, and requirements of, continuous personal professional development.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Portfolio	Portfolio	100	0	MLO3, MLO2, MLO4, MLO1