

### Summary Information

Module Code	7449BEPG
Formal Module Title	Construction Technology
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	10
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	11
Workshop	11

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

### Aims and Outcomes

Aims	To review and analyse construction methods and building services installations for domestic buildings, framed structures, and commercial/industrial buildings.
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**After completing the module the student should be able to:**

## Learning Outcomes

Code	Number	Description
MLO1	1	Analyse a range of processes and techniques involved in the construction of the substructure and superstructure of domestic, industrial, commercial buildings and framed structures
MLO2	2	Analyse the principles and operation of a range of building services for domestic, industrial, and commercial buildings.
MLO3	3	Critically appraise traditional construction techniques and debate the role of contemporary methods to attain sustainable development goals.

## Module Content

Outline Syllabus	- Substructure in domestic, commercial - industrial buildings, framed structures- Superstructure in domestic, commercial - industrial buildings, framed structures- Building services - Building regulations- Sustainable construction / Construction 4.0
Module Overview	
Additional Information	The module provides students with the opportunity to review and analyse construction methods and building services installations for domestic buildings, framed structures, and commercial/industrial buildings.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Closed Book Exam	100	2	MLO1, MLO2, MLO3

## Module Contacts