

# Construction Technology 1

## Module Information

2022.01, Approved

### Summary Information

Module Code	4613BECC
Formal Module Title	Construction Technology 1
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

### Partner Teaching Institution

Institution Name
Coleg Cambria

### Learning Methods

Learning Method Type	Hours
Lecture	27
Tutorial	10
Workshop	19

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	28 Weeks

## Aims and Outcomes

Aims	This module will enable learners to gain an understanding of the techniques and skills needed for the construction of domestic housing developments.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Describe, detail and compare a range of processes and techniques involved in the site investigation and construction of the substructure work of low rise buildings.
MLO2	2	Describe and compare a range of construction methods in relation to the primary elements of the superstructure of low rise buildings.
MLO3	3	Specify and compare a range of processes and techniques involved in the construction of the secondary elements and finishes of low rise buildings.
MLO4	4	Demonstrate the ability to undertake practical tasks.

## Module Content

Outline Syllabus	-Construction terminology-Desk-top studies-Site investigation-Substructure considerations:- Domestic Foundations-Foundation details-External walls -Internal partition walls -Roofs-Floors- Stairs-External facade-Superstructure detailing-Internal finishes-First, fix elements-Second fix elements-Practical activities
Module Overview	
Additional Information	This module will enable learners to gain an understanding of the techniques used for site investigation on housing developments including foundations through to the roof construction and give students an awareness of the skills needed to construct a domestic development

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Dissertation	Report	70	0	MLO1, MLO2, MLO3
Dissertation	Portfolio	30	0	MLO4

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Tom Hogarth	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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