

Liverpool John Moores University

Title: CONSTRUCTION METHODS 1 - DOMESTIC DWELLINGS
Status: Definitive
Code: **4603BECC** (125594)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Coleg Cambria

Team	Leader
Tom Hogarth	Y

Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 56

Total Learning Hours: 200 **Private Study:** 144

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	20
Tutorial	20
Workshop	14

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report 2500 words	50	
Exam	AS2	Open book examination	50	2

Aims

This module will enable learners to gain an understanding of the techniques used for site investigation on housing developments.

Learning Outcomes

After completing the module the student should be able to:

- 1 Explain the need for site investigation prior to house building
- 2 Describe the different techniques used to construct a range of house builds, including their function and design selection criteria
- 3 Identify the different types of infrastructure technology used within domestic buildings.
- 4 Illustrate the supply and distribution of a range of building services and how they are accommodated within the building.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Report 2500 words	1	2		
Open book examination	1	2	3	4

Outline Syllabus

The process of construction for a new domestic house build.

Site investigation

Technological concepts used to enable the construction of building elements; from the substructure to completion.

House substructure, superstructure, finishes, building services and infrastructure components.

Construction systems and solutions.

Learning Activities

Learning for this module will involve active student participation in lectures, tutorials, and action learning sets in the discussion of subjects within the module.

Notes

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.