

Liverpool John Moores University

Title: SITE SURVEYING
Status: Definitive
Code: **4602BECC** (125593)
Version Start Date: 01-08-2021

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

Team	Leader
Fiona Borthwick	Y

Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 54
Total Learning Hours: 200 **Private Study:** 146

Delivery Options

Course typically offered: Sum & Non Std S2 (S2 for Jan)

Component	Contact Hours
Lecture	20
Tutorial	20
Workshop	14

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Portfolio of Surveying related tasks	100	

Aims

To develop understanding of the principles of site surveying and cartographic detailing of construction works

To develop skills in the use and application of site surveying instruments

To provide a mathematical base for the study of construction and surveying related subjects

Learning Outcomes

After completing the module the student should be able to:

- 1 Understand the principles of site surveying
- 2 Be able to use site surveying instruments
- 3 Understand the software available for site surveying
- 4 Apply mathematical techniques and procedures to provide solutions to a range of problems in surveying

Learning Outcomes of Assessments

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

Portfolio of Surveying tasks	1	2	3	4
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Outline Syllabus

Principles of site surveys

Processes for carrying out a linear survey and the range of linear surveying equipment.

Plotting a linear survey.

Levelling control methods involved in height measurement.

Methods of angular measurement.

Levelling equipment and application

Principles in setting-out a small building.

Learning Activities

Lectures, tutorials and practical surveying workshops.

Notes

This module develops understanding of site surveying and its application in the construction industry.