

# Surveying in Construction

## Module Information

2022.01, Approved

### Summary Information

Module Code	5542NCCG
Formal Module Title	Surveying in Construction
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

### Partner Teaching Institution

Institution Name
Nelson and Colne College Group

### Learning Methods

Learning Method Type	Hours
Lecture	48

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks
SEP-PAR	PAR	September	12 Weeks

SEP_NS-PAR	PAR	September (Non-standard start date)	12 Weeks
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## Aims and Outcomes

Aims	This module considers methods to set up controls and conduct topographic surveys. On successful completion students will be able to set up and assess the accuracy of control points. Students will also be able to identify setting out and surveying errors.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Describe the process of undertaking a topographic survey
MLO2	2	Write a report detailing the causes of errors and techniques to improve accuracy
MLO3	3	Undertake a setting out exercise for a small building, including levelling

## Module Content

Outline Syllabus	Purpose of a topographic survey Initial control Communication of a completed survey Cut and fill information from a survey Topographic survey methods Coding systems for surveys Data transfer techniques Errors in surveying and setting out Improvement of accuracy
Module Overview	
Additional Information	

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Group Practical Assessment	50	0	MLO3
Report	Report	50	0	MLO1, MLO2

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Fiona Borthwick	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings