

## Liverpool John Moores University

Title: SITE SURVEYING AND MEASUREMENT  
Status: Definitive  
Code: **4004BEUG** (102726)  
Version Start Date: 01-08-2011

Owning School/Faculty: Built Environment  
Teaching School/Faculty: Built Environment

Team	Leader
Russell Bennett	Y

**Academic Level:** FHEQ4  
**Credit Value:** 12.00  
**Total Delivered Hours:** 84.00  
**Total Learning Hours:** 120  
**Private Study:** 36

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24.000
Off Site	24.000
Practical	24.000
Seminar	12.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Land Surveying Assignment	25.0	
Report	AS2	Building Survey Assignment	25.0	
Portfolio	AS3	Site Survey Documentation	50.0	

### Aims

*To enable students to attain the basic practical skills and knowledge required in order to undertake land and building surveys.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Carry out practical exercises using key surveying instruments.
- 2 Record information concerning the size, shape and condition of buildings using basic procedures and logic.
- 3 Produce survey reports.
- 4 Plot land and building survey information.

### Learning Outcomes of Assessments

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

REPORT	1	4		
REPORT	2	3		
PORTFOLIO	1	2	3	4

### Outline Syllabus

*Land Surveying - use of maps, levelling and chain surveying, plotting data.*  
*Building Surveys - building inspection procedures and measurement techniques, recording site obtained information.*

### Learning Activities

Lectures, seminars and practical survey work.

### References

<b>Course Material</b>	Book
<b>Author</b>	Muskett, J.
<b>Publishing Year</b>	1995
<b>Title</b>	Site Surveying
<b>Subtitle</b>	
<b>Edition</b>	2nd
<b>Publisher</b>	Blackwell
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Clancy, J.
<b>Publishing Year</b>	1991
<b>Title</b>	Site Surveying and Levelling
<b>Subtitle</b>	
<b>Edition</b>	2nd

<b>Publisher</b>	Edward Arnold
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Cotgrave, A. & Borthwick, F.
<b>Publishing Year</b>	2003
<b>Title</b>	Site Surveying
<b>Subtitle</b>	Student Centred Learning in Construction Education Handbook
<b>Edition</b>	
<b>Publisher</b>	University of Plymouth
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Glover, P.
<b>Publishing Year</b>	2006
<b>Title</b>	Building Surveys
<b>Subtitle</b>	
<b>Edition</b>	6th
<b>Publisher</b>	Architectural Press
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Noy, E.A.
<b>Publishing Year</b>	2005
<b>Title</b>	Building Surveys and Reports
<b>Subtitle</b>	
<b>Edition</b>	3rd
<b>Publisher</b>	Blackwell
<b>ISBN</b>	

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## Notes

The module provides students with the practical skills and knowledge required in order to undertake land and building surveys and present this data in the appropriate documentation.