

## Liverpool John Moores University

Title: INFORMATION STUDIES  
Status: Definitive  
Code: **4007BEUG** (102729)  
Version Start Date: 01-08-2011

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

| Team                  | Leader |
|-----------------------|--------|
| Mohd Nazali Mohd Noor | Y      |

**Academic Level:** FHEQ4      **Credit Value:** 12.00      **Total Delivered Hours:** 48.00  
**Total Learning Hours:** 120      **Private Study:** 72

### Delivery Options

Course typically offered: Standard Year Long

| Component | Contact Hours |
|-----------|---------------|
| Lecture   | 24.000        |
| Workshop  | 24.000        |

**Grading Basis:** 40 %

### Assessment Details

| Category   | Short Description | Description          | Weighting (%) | Exam Duration |
|------------|-------------------|----------------------|---------------|---------------|
| Technology | AS1               | ICT based assignment | 50.0          |               |
| Technology | AS2               | ICT based assignment | 50.0          |               |

### Aims

*To introduce the student to communication theory and to principles of information technology. To enable the student to gain competence in operating systems, software packages, the internet and world wide web.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Produce an appropriate response to communication requests.
- 2 Use information technology to support the communication process.
- 3 Use spreadsheet packages to model problems and communicate solutions in an appropriate manner.
- 4 Develop a basic web site to manage learning materials.
- 5 Appraise the current penetration of IT within the Construction Industry.

### Learning Outcomes of Assessments

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

|                    |   |   |   |   |
|--------------------|---|---|---|---|
| TECHNOLOGICAL TASK | 1 | 2 | 4 | 5 |
| TECHNOLOGICAL TASK | 1 | 3 | 5 |   |

### Outline Syllabus

*Introduction to information and communication theory.*  
*Impact of IT on communication within construction, barriers and benefits.*  
*Current penetration of IT within construction, benefits and barriers.*

*Tools based approach for the following packages:-*

*Spreadsheets*

*The internet and WWW*

*HTML and Web site design*

*Use of University resources to manage learning.*

### Learning Activities

Combination of lectures and workshops that develop knowledge and skills in information management and the use of ICT.

### References

|                        |  |
|------------------------|--|
| <b>Course Material</b> | Book   |
| <b>Author</b>          | Liengme B.V.   |
| <b>Publishing Year</b> | 2000   |
| <b>Title</b>           | A guide to microsoft excel for business and management |
| <b>Subtitle</b>        |  |
| <b>Edition</b>         |  |
| <b>Publisher</b>       | Arnold   |
| <b>ISBN</b>            | 0340758988   |

|                        |      |
|------------------------|------|
| <b>Course Material</b> | Book |
|------------------------|------|

|                        |                            |
|------------------------|----------------------------|
| <b>Author</b>          | Emmit, S & Gorse, C        |
| <b>Publishing Year</b> | 2003                       |
| <b>Title</b>           | Construction Communication |
| <b>Subtitle</b>        |                            |
| <b>Edition</b>         |                            |
| <b>Publisher</b>       | Blackwells                 |
| <b>ISBN</b>            | 1405100028                 |

|                        |                                     |
|------------------------|-------------------------------------|
| <b>Course Material</b> | Book                                |
| <b>Author</b>          | Fellows, R et al                    |
| <b>Publishing Year</b> | 2005                                |
| <b>Title</b>           | Construction Management in Practice |
| <b>Subtitle</b>        |                                     |
| <b>Edition</b>         |                                     |
| <b>Publisher</b>       | Blackwells                          |
| <b>ISBN</b>            | 0632064021                          |

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|------------------------|------------------------------------|
| <b>Course Material</b> | Book                               |
| <b>Author</b>          | Walker, A                          |
| <b>Publishing Year</b> | 2006                               |
| <b>Title</b>           | Project Management in Construction |
| <b>Subtitle</b>        |                                    |
| <b>Edition</b>         |                                    |
| <b>Publisher</b>       | Blackwells                         |
| <b>ISBN</b>            | 063205736x                         |

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## Notes

This module develops skills in the management and communication of information through the use of ICT.