Liverpool John Moores University

Title:	IT 2
Status:	Definitive
Code:	**3000BELIT** (101141)
Version Start Date:	01-08-2011
Owning School/Faculty:	Arts, Professional and Social Studies
Teaching School/Faculty:	Bellerby's College - Brighton

Team	Leader
Jarmila Hickman	Y

Academic Level:	FHEQ3	**Credit Value:**	12.00	**Total Delivered Hours:**	66.00
Total Learning Hours:	120	**Private Study:**	54		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	66.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Technology	AS1	Coursework: based on classwork tasks	60.0	
Test	AS2	Section Project: based on 'open-book' testing	40.0	

Aims

To introduce basic and more advanced functions of database applications via Microsoft Access; to introduce basic concepts of programming via Visual Basic and/or Visual Basic for Applications in the Microsoft Office environment; to promote awareness among students of the customizing and automating aspects of Word-Processed, Spreadsheet and Database documents and files.

Learning Outcomes

After completing the module the student should be able to:

1 Display an awareness of the basic and more complex functionality and customizing of database applications.
2 Customise word-processing, spreadsheet and database activities to undertake arrange of computer-based tasks.
3 Utilise the specific functionality of these applications to complete a range of specific, closed tasks and to analyse more open problems.
4 Display an awareness of the disciplines needed to be able to benefit third-party end-users by customizing and automating various application functions.

Learning Outcomes of Assessments

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

technology	1	2	3	4
test	1	2		

Outline Syllabus

1. Databases (One) – Storing, Selecting and Reporting Data, including wizards versus design view.
2. Databases (Two) – Design, Operation and Management, including flat-file versus relational databases, designing and constructing a database.
3. Introduction of Visual Basic/Visual Basic for Applications.

Learning Activities

Demonstrations and interactive lessons to small classes. Individual self-study involving the completion of increasingly complex tasks in a practical setting.

References

Course Material	Book
Author	tbc
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	
ISBN	

Notes

Students will be able to learn about the design and construction of databases and how these might be customized to fit particular needs, while also having an introduction to programming using Visual Basic.