Liverpool John Moores University

Title: IS DEVELOPMENT AND MANAGEMENT
Status: Definitive
Code: **7023BUSIS** (101783)
Version Start Date: 01-08-2011

Owning School/Faculty: Liverpool Business School
Teaching School/Faculty: Liverpool Business School

Team	emplid	Leader
Alistair Beere		Y

Academic Level: FHEQ7 **Credit Value:** 15.00 **Total Delivered Hours:** 32.00

Total Learning Hours: 150 **Private Study:** 118

Delivery Options
Course typically offered: Semester 2

Component	Contact Hours
Lecture	15.000
Tutorial	15.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Coursework	50.0	
Exam	AS2	Exam	50.0	2.00

Aims

1. To understand how Information Systems have developed and what likely path they will take in the future.
2. To understand the importance of System Architecture in Information System design.
3. To understand the Methodologies and Tools used for design and implementation of Information Systems.
4. To understand the impact of Information Systems on organisations.

Learning Outcomes

After completing the module the student should be able to:

1 Understand the implications of systems development within organisations.
2 Evaluate the different methodical approaches to Information Systems Development and Management.
3 Understand the impact of automated support given by Information Systems in the business environment.
4 Understand the role of Information System Architecture in designing information systems.

Learning Outcomes of Assessments

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

CW   1   2   3   4

EXAM   1   2   3   4

Outline Syllabus

Information System : Concepts, Trends and Issues.

Information Technologies : Concepts and Architectures.

Strategic Information Systems, Models and Frameworks.

Information Systems Planning.

IS Development : Introduction and Traditional Lifecycle.

IS Development : Techniques and Tools.

IS Development : Methodologies.

Corporate Information Architecture.

Control and Security of Information Systems.

Impact of IT on organisations.

Learning Activities

Lectures, Tutorials/Workshops.

References

Course Material	Book
Author	Turban, E, Mclean, E, Dorothy, L and Wetherbe, J
Publishing Year	2008
Title	Information Technology for Management
Subtitle	Transforming Organisations in the Digital Economy
Edition	6th edition
Publisher	Wiley
ISBN	

Course Material	Book
Author	Avison, D E and Fitzgerald, G
Publishing Year	1995
Title	Information Systems Development
Subtitle	Methodologies, Techniques and Tools
Edition	2nd edition
Publisher	McGraw Hill
ISBN	

Course Material	Book
Author	Oz, E
Publishing Year	2006
Title	Management Information Systems
Subtitle	
Edition	5th edition
Publisher	Thomson Course Technology
ISBN	

Course Material	Book
Author	Stair, R and Reynolds, G
Publishing Year	2006
Title	Principles of Information Systems
Subtitle	
Edition	7th edition
Publisher	Thomson Course Technology
ISBN	

Notes

The purpose of this module is to enable the student to develop an understanding of Information System Development and how its development has to be designed to fit into the business environment for it to be truly effective. The module also incorporates the management of Information Systems and the role this plays in their effective use within industry.