

Liverpool John Moores University

Title: INTRODUCTION TO BUSINESS INFORMATION SYSTEMS
CONCEPTS
Status: Definitive
Code: **4035BUSIS** (108207)
Version Start Date: 01-08-2011

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

Team	Leader
Bill Davies	Y

Academic Level: FHEQ4 **Credit Value:** 12.00 **Total Delivered Hours:** 25.00
Total Learning Hours: 120 **Private Study:** 95

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	12.000
Tutorial	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	100.0	1.00

Aims

*To introduce the principles of what is required when developing information systems.
To enable students to identify between data and information and how it affects business decision making.
To introduce the concepts of systems design methodologies.
To provide an introduction to the component parts of information systems for use within business.
To provide a history of the development of computers and computer languages.
To introduce the concepts of networking.*

Understand how managers can exploit the business opportunities from the exploitation of software applications.

Learning Outcomes

After completing the module the student should be able to:

- 1 Describe the importance of data, information and knowledge in organizations including decision-making and regulation.
- 2 Explain different design methodologies and how and where they can be used in the development of IS in business.
- 3 Identify and apply the different types of network in the design and development of business IS.
- 4 Identify the different types of information system to be used in business and its characteristics and the benefits it brings to an organization.
- 5 Demonstrate and apply the principles of end-user computing.
- 6 Develop the students understanding and highlight the importance of computer security.
- 7 Analyse the stages involved in implementation of the IS system.

Learning Outcomes of Assessments

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

EXAM	1	2	3	4	5	6	7
------	---	---	---	---	---	---	---

Outline Syllabus

*Types of computer hardware and software generations:
Mainframe, mini and pc etc,
Software generation of languages.*

*Information v Data:
Information v Data,
Characteristics of information,
Different types of Information System.*

*Introduction to Networks:
WAN and LAN,
Star, ring, Bus etc,
File Server,
Client Server etc.*

*System Methodologies – An Introduction:
SDLC,
SSADM,
Prototyping.*

System Implementation:

*Training,
Testing,
Conversion etc.*

IS Strategy

End-User Computing

E-Business

Computer Security

Legal Aspects

Learning Activities

The module will be delivered via a series of lectures and tutorials.

References

Course Material	Book
Author	Bocij, J et al
Publishing Year	2003
Title	Business Information Systems
Subtitle	Technology Development & Management for E-Business
Edition	2nd edition
Publisher	Financial Times Pitman Publishing
ISBN	

Course Material	Book
Author	Bocij, J et al
Publishing Year	1999
Title	Business Information Systems
Subtitle	Technology Development & Management
Edition	
Publisher	Financial Times Pitman Publishing
ISBN	

Course Material	Book
Author	Benyon-Davies, P
Publishing Year	2002
Title	Information Systems
Subtitle	An Introduction to Informatics in Organisations
Edition	
Publisher	Palgrave

ISBN	
-------------	--

Course Material	Book
Author	Ritchie, B et al
Publishing Year	1998
Title	Information Systems in Buisness
Subtitle	
Edition	
Publisher	Thompson Business Press
ISBN	

Course Material	Book
Author	Lauden, K and Lauden, J
Publishing Year	2002
Title	Management Information Systems
Subtitle	
Edition	7th edition
Publisher	Pearson Education Ltd
ISBN	

Notes

Material will be found on Blackboard