

Module Title:	Information Systems for e-Business
Module Code:	06H
Level:	6
Credits:	15
Pre-Requisites:	

Module Description:

Students studying this module will gain an understanding of underlying themes and forces acting on an organisation relating to e-business and of the infrastructure requirements, technological and commercial, necessary for successful e-business operation.

Students explore a typical scenario in a business where a new system is to be deployed. Students plan the integration of the new system into the existing e-business infrastructure, taking into account the requirements of all stakeholders, as well as any technical and regulatory restrictions. They will need to consider all the technical issues relating to this integration, ensuring that the end result is satisfactory to the end users of the system.

Students need to plan for all phases of the project, from the design and implementation through to maintenance, support and training.

Indicative Content:

- Information Systems
 - Basic concepts of business organisation and business functions
 - Overview of e-Business and e-Commerce
 - Business systems analysis and modelling
 - Integration with business operations
 - Stakeholders
 - Singularities of e-Commerce projects, risks and strategies
 - Internet technologies appropriate to integration of e-Commerce initiatives with business systems
 - Concepts of legacy and back-office systems
 - Planning for maintenance and support
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Learning and Teaching Methods:

The module will be delivered through a combination of lectures and workshops. Industry-based scenarios will be used as a basis for discussion and to ensure the skills learned are related to business needs.

Specific Learning Resources:

Client-Server resources in lab.

Bibliography

Highly Recommended

Bocij, P., Greasley, A. and Hickie, S. (2015) *Business Information Systems: technology, development and management for the e-business*. (5th Ed) Harlow: Pearson Education Ltd

Chaffey, D. (2015) *Digital business and e-commerce management. Strategy, implementation and practice*. (6th Ed) Harlow: Pearson Education Ltd

Laudon, K. and Laudon, J. (2016) *Management Information Systems. Managing the Digital Firm*. (14th Ed) Harlow: Pearson Education Ltd

Recommended

Arlow, J., 2005. *UML 2 and the Unified Process*. 2 ed. New York, USA: Addison Wesley.

Cadle, J, Paul, D. and Turner, P. (2010) *Business Analysis Techniques: 72 essential tools for success*. Swindon: BISL

Chaffey, D. and White, G. (2011) *Business Information Management*. (2nd Ed) Harlow: Pearson Education Ltd

Laudon, K. and Traver, C. (2015) *eCommerce 2015: business, technology, society*. (11th Ed) Harlow: Pearson Education Ltd

Manwani, S. (2008) *IT-enabled Business Change: successful management*. London: British Computer Society

O'Loughlin, E. (2009) *An Introduction to Business Systems Analysis*. Dublin: The Liffey Press

Paul, D. and Yeates, D. (2010) *Business Analysis*. Swindon: BISL
Schneider, G. (2012) *e-Business*. (10th Ed) USA: Southwest College Publishing

Module Learning Outcomes

Subject Specific Learning Outcomes

On successful completion of this module you will be able to:

LO 1	Demonstrate systematic knowledge of current and developing technologies that relate to an organisation's eBusiness implementation.
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LO 2	Capture and analyse organisation and user information requirements and design and plan IT systems to meet these requirements.
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LO 3	Critically evaluate alternative eBusiness solutions
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Module Specifications: *Schools of Business & Management & Information Technology*

Assessment Title or element	Weighting (%)
Assignment: propose an information system for a case study and implement one component of the system; evaluate your solution (word count 2500 words) [late semester]	75%
Group presentation of solution (30 mins) [end semester]	25%

Information correct at point of publication.