

MODULE DESCRIPTOR

TITLE	CREATING EFFECTIVE INFORMATION SYSTEMS			
SI MODULE CODE	25-6016-00L			
CREDITS	20			
LEVEL	6			
JACS CODE	G500 - Information Systems			
SUBJECT GROUP	BUSINESS OPERATIONS AND SYSTEMS - SBS			
DEPARTMENT	Finance, Accounting and Business Systems			
MODULE LEADER	Zuwaina Aladawi			
NOTIONAL STUDY HOURS BY TYPE	Tutor-led	Tutor-directed	Self-directed	Total Hours
	36	72	92	200

MODULE AIM(S)

In a rapidly changing and complex business environment it is essential that information systems are developed, implemented and managed efficiently and effectively in line with industry standards and organisational needs. This module aims to:

- develop an understanding of alternative modes of IS/IT service delivery within organisations and appraise the role and responsibilities of key stakeholders in ensuring that information systems are created and deployed effectively;
- enable students to critique and apply a range of systems development methodologies and frameworks designed to ensure that information systems deliver added value throughout their life cycle;
- develop and apply a range of consultancy skills and business analysis skills to case study designed to simulate complex organisational factors; and
- develop professional capability in the critical reflection of your role as a user or provider of business systems.

MODULE LEARNING OUTCOMES

By engaging successfully with this module a student will be able to

1. Research and critique key factors and emerging issues that impact on the successful deployment of information systems within organisation;
2. Research and appraise leading system development methodologies and tools designed to support the creation of effective information systems within organisations;
3. Critically evaluate and apply a range of project management methodologies, techniques and tools designed to support the creation of effective information systems within organisations;
4. Design appropriate management processes for the procurement of information systems and technology from third parties;
5. Compare and contrast alternative modes of IS/IT service and key stakeholder roles in order to justify appropriate structures for delivery within a given organisation including consultants roles and skills;

6. Recommend justified information system solutions for organisations applying appropriate business analysis techniques for a given organisational problem;
7. Work collaboratively with others in a group in order to deliver a formal; and
8. Critically reflect on your success in achieving the module learning outcomes.

INDICATIVE CONTENT

These are examples of the content of the module

- Current developments and issues in information systems and technology deployment and management;
- Stakeholder relationships, roles, skills and responsibilities within the information management arena;
- Effective management of the systems through their life cycle to prevent failure through the use of appropriate systems development methodologies and implementation frameworks;
- Evaluation of project management techniques and their application to IS/IT projects in a range of organisational contexts;
- Organisational behaviour and change issues affecting development and implementation of IS/IT projects;
- Management options, stages and issues in the procurement process for application packages and IT infrastructure;
- Business analysis and consultancy skills that lead to appropriate business solutions for a given context; and
- Design and deliver professional presentations and workshop within a client environment.

LEARNING AND TEACHING METHODS

Students will be supported in their learning, to achieve the above outcomes, in the following ways

The module will be delivered through a series of key note lectures designed to introduce key topics which will be supported by small group seminars.

There will be an element of individual and group research around the key themes which will feed into a number of student led seminar or workshop sessions.

There will be extensive use of case studies and scenarios as the module progresses to enable you to apply your knowledge to organisational contexts and reflect on your learning.

Assessment will take the form of coursework and an end of module examination.

ASSESSMENT STRATEGY AND METHODS

Task No.	Task Description	Task Type	Task Weighting %	Word Count / Duration	In-module retrieval available
1	Coursework	CW	50%	2,500 words	No
2	Examination	EX	50%	2 hours	No

ASSESSMENT CRITERIA

FURTHER INFORMATION ABOUT THIS MODULE

FURTHER / ADDITIONAL INFORMATION IS AVAILABLE TO SUPPORT THIS MODULE, INCLUDING ASSESSMENT CRITERIA DETAILING HOW YOUR PERFORMANCE IN THE MODULE WILL BE MEASURED, HOW YOU WILL RECEIVE FEEDBACK, DETAILS OF LEARNING RESOURCES AND KEY READINGS.

THIS INFORMATION CAN BE FOUND IN MODULE HANDBOOK AND THROUGH THE MODULE BLACKBOARD SIRE.

NOTE THAT THIS ADDITIONAL INFORMATION MAY BE SUBJECT TO CHANGE FROM YEAR TO YEAR.

FEEDBACK

Students will receive feedback on their performance in the following ways

Formative Feedback:

Students will be given an individual assignment support session prior to their assessment due date. In addition, students will receive oral class-wide generic guidance in the class.

Summative feedback:

Students will receive individual written feedback.

LEARNING RESOURCES (INCLUDING READING LISTS)

1. Core Text

Business Information Systems: Technology, Development and Management for the e-business.

Bocij et al, Prentice Hall, 5th Edition

2. Chaffey, D & Wood, S (2005) Business Information Management: improving performance using information systems. Prentice Hall

3. Project Management for Information Systems
Cadle and Yeates, Prentice Hall, 5th Edition
4. Information Systems Development: Methodologies, Techniques and Tools.
Avison & Fitzgerald, McGraw Hill, 1995
5. Introduction to Information Systems Success Measurement
Garrity and Sanders, Idea Group Publishing
6. 'Risk Management' BPP ACCA Study Text Paper 2.1
7. 'Invitation to Tender' BPP ACCA Study Text Paper 2.1
8. Evaluation of Information Technology investment
Anandarajan and Wen, MCB University Press
9. Laudon and Laudon, Management Information Systems, Managing the Digital Firm, 10th edition, Prentice Hall 2007
10. Turban et al (2004) Information Technology for Management, 4th Ed
Wiley
11. Hammer M & Champy J (1993), Re-engineering the Organisation, Nicholas Brealey Publishing ISBN: 1857880560
12. Yeates & Wakefield, 'Systems Analysis and Design',
Prentice Hall, 2nd Edition

The following On-line journals are also particularly useful for this module.

Harvard Business Review

- *Information Age and International Journal of Information Management*
- *Journal of Knowledge Management*
- *Journal of Strategic Information Systems*
- *Sloan Management Review*
- *Journal of World Business*
- *Journal Information Systems Evaluation*

The FT-IT section of FT.com, Computer Weekly & Computing are also useful for background reading.

SECTION 2 'MODEL A' MODULE (INFORMATION FOR STAFF ONLY)

MODULE DELIVERY AND ASSESSMENT MANAGEMENT INFORMATION

MODULE STATUS - INDICATE IF ANY CHANGES BEING MADE

NEW MODULE	No
EXISTING MODULE - NO CHANGE	Yes
Title Change	No
Level Change	No
Credit Change	No
Assessment Pattern Change	No
Change to Delivery Pattern	No
Date the changes (or new module) will be implemented	n/a

MODULE DELIVERY PATTERN

Module Begins	Module Ends
08/Aug/2011	15/Apr/2012
17/Sep/2012	30/May/2012

Is timetabled contact time required for this module?	Yes
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Are any staff teaching on this module non-SHU employees?	No
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MODULE ASSESSMENT INFORMATION

Does the Module Require Either	
Overall Percentage Mark of 40%	Yes
Overall Pass / Fail Grade	No

FINAL TASK

According to the Assessment Strategy shown in the Module Descriptor, which task will be the LAST TASK to be taken or handed-in? (Give task number as shown in the Assessment Strategy)	Task No.2
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MODULE REFERRAL STRATEGY

Task for Task (as shown for initial assessment strategy)	Yes
Single Referral Package for All Referred Students	No