COURSE OUTLINE

1. General specifications

Module Title: Information Systems and Organisations	
Level: IADB	**Credits** 15

Overview of the module:

This module introduces participants to the subject of Information Systems and Technology (IS&T) in organisations, taking a broad management perspective. Students will demonstrate an understanding of the current and future role of IS and information in modern organisations, including an appreciation of social, cultural and political aspects that are important to successful adoption of technology.

2. Module Delivery

Contents

CLASS SUBJECT
1 Organisations and Information Systems (IS). Data, information and knowledge. The uses and importance of IS to organisations.
2 Social Contexts and Perspectives on IS. Social contexts within organisations, different perspectives, technology interaction with the organisation.
3 Internal IS and Enterprise Wide Systems. Evolution and classification of IS, information flows and enterprise wide systems.
4 Organisational Strategy and IS: Alignment to organisational needs. Ensuring the IS portfolio supports the business and supports stakeholders.
5 Evaluating IS: Sources of cost and benefit, tangible and intangible factors, formal-rational evaluation, wider criteria for evaluating IS.
6 Cultural, Structural and Political aspects of IS. Culture and IS, how IS affect structure, central and local decision making, political aspects of IS.
7 People and IS, Interpretation. Human needs, information ownership, legal and ethical issues. Data security.
8 The 21st Century Organisation: Using IS for commitment and control, managing

distributed work. Evolution of working practices.
9 User Acceptance and the Socio-technical Approach: Technology acceptance and the socio-technical approach. HCI and usability considerations.
10 IS and the Customer: Dealing with customers, suppliers and partners. E-business
11 IS and Organisational Change: Implementing IS and the context of change, critical aspects of a project, understanding models of change, identifying and influencing stakeholders.
12 Benefits Management: Characteristics of successful IS implementations

Indicative reading

Boddy, D., Boonstra ,A., Kennedy, G. (2008) Managing Information Systems 3rd ed. FT Prentice Hall

ISBN-10: 0273716816

ISBN-13: 978-0273716815

Other resources:

Electronic Journals and Useful Websites (selected for availability of freely downloadable material)

Electronic Journal of Information Systems Evaluation

http://www.ejise.com/main.html

Electronic Journal of Knowledge Management

http://www.ejkm.com/main.html

Electronic Journal of Information Systems in Developing Countries

http://www.ejisdc.org/ojs2/index.php/ejisdc

http://www.skyme.com/insights/titles.htm

3. Module Assessment

Module Learning Outcomes

On completion of this module the student should be able to:

- **Analyse the use of Information Systems (IS) within organisations**
  a) Assess the importance of IS in organisations as a store for data, information and knowledge
  b) Discuss the difference social contexts and stakeholder perspectives of IS
  c) Understand the relationship between IS and process change within organisations

- **Examine the many internal and external uses of an organisation's IS**
a) Explain how IS contributes to the management of knowledge within organisation
b) Analyse how interactions with customers and external parties can be managed using IS

- **Critically evaluate the costs and benefits of a range of IS systems**
a) Discuss the costs and benefits involved in implementing new IS
b) Analyse the importance of having a balanced portfolio of IS that supports organisational strategy

- **Critically evaluate the cultural, structural and political aspects of IS**
a) Assess the effects of IS on organisational structure and central decision-making
b) Analyse the political aspects of IS

- **Examine the issues associated with human interaction with IS**
a) Assess the IS needs of a range of individuals
b) Discuss the legal and ethical issues surrounding IS
c) Analyse how IS can be used to increase commitment and control in an organisation
d) Describe the issues surrounding the acceptance of new technology

- **Assess the effects of technological change on IS and the organisations**
a) Evaluate the process of implementing new IS
b) Explain how to identify and influence stakeholders when implementing new IS

Assessment Methods:

Number, Type and Weighting of Element

Examination (Open Book) 100%

*Admission to the final assessment is subject to completion of all coursework assigned by Esei tutor for each module.