Module Title: INFORMATION SYSTEMS

Date of Approval: December 2011

Module Code: 6IM500

Pre-requisite: None.

Module Level: 6

Credit Value: 20

Total Number of Learning Hours: 200

Key words: Strategic Information Systems, Information Management, Knowledge, Organisation

Module Delivery Mode: Blended / Face to Face

Module Description:

This module recognises that information systems play an integral part in the successful operation of a modern business enterprise.

It is intended to introduce undergraduates in business subjects to the main issues relating to the management of business information systems, with a particular emphasis on the relationship between business strategy and information systems strategy.

It prepares students who have an interest in information systems management to confront many of the issues that face businesses as they seek to obtain better value from their IS/IT investments.

It also helps students to recognise the nature of the strategic fit between information systems and information technology and the business strategy which they are designed to be an integral part of.

It seeks to develop a wider appreciation of a variety of issues relating to the management of information systems in business and builds on the foundations laid in the relevant level 4 and level 5 modules.

Module Learning Outcomes:

On completion of this module, students should be able to:

1. Identify and evaluate relevant information systems applications and their relevance to strategy and organisational effectiveness.
2. Demonstrate critical thinking through a balanced evaluation of opposing perspectives on a contemporary information systems issue with supported recommendations.

Module Content:
The subject draws on case studies, the latest literature and discussion in Information Management, Systems Strategies and Knowledge Management to explore topics related to strategic options and organisational implementations, such as:

- Business Strategy for the Digital World
- Business Exploitation of Information and Communication Technology Systems
- Information Systems Development Approaches
- Disruptive Technologies and Applications
- Business IT/IS Alignment
- Strategic IS/IM in Context
- Global Issues in Information Management
- Strategic Knowledge Management
- Organizational Change, Culture and Strategic IS/IT Led Change
- IS/IT Benefits Management and Realisation
- Strategic IT/IS Leadership and IT Governance
- IT/IS Professionalism, Ethics and Security

**Module Learning and Teaching Methods**

This subject is structured to provide a varied learning environment in which students are stimulated to explore Information Systems and Knowledge within an Organisational / Strategy context and apply it to practical strategic in nature situations. Students will be involved in lectures, seminars with industry guests, online discussions and external visits. Seminar activities support the content by encouraging student learning through active participation with other students. Both individual and group work is expected. Students will be introduced to the subject areas by means of case studies and the opportunity to consider organisations of significance to them.

Teaching and learning strategies will be tailored to suit the chosen mode of study with a view to providing parity in the learning experience of all students.

In addition to the seminar activities, students will have the opportunity to select relevant e-learning materials to further address personal areas of development in this subject area.

<table>
<thead>
<tr>
<th>Activity type</th>
<th>Hours</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lectures:</td>
<td>12hrs</td>
<td></td>
</tr>
<tr>
<td>Seminars/workshops:</td>
<td>24hrs</td>
<td></td>
</tr>
<tr>
<td>Guided Independent study</td>
<td>164 hrs</td>
<td>2</td>
</tr>
<tr>
<td>Total:</td>
<td>200 hrs</td>
<td></td>
</tr>
</tbody>
</table>
Total Learning Hours in each category:
  a. Category 1: 12 + 24+4 = 36 (18%)
  b. Category 2: 164 hours (82%)
Module Assessment
Mode: Coursework 100%

Formative assessment – this will take place in the seminars following individual and group participation. The preparation and delivery of the summative presentation will also form part of the formative assessment.

Coursework 1 50% weighting:
This assessment requires you to prepare and give a presentation as part of a debate on a topical information systems management issue.

Coursework 2 50% weighting:
You will take one of the debate topics and produce a critical evaluation of the arguments presented together with your own analysis and make recommendations.

Reading list:

Key Text

Essential Reading:

Main Support Texts:
Oz, E., and Jones A. (2008); Management Information Systems; (1st edition); Cengage Learning.
Academic Journals
Specific articles are not given here. It is likely that the following journals will provide a valuable source of material for the debates and subsequent write-ups.

- Behaviour & Information Technology
- European Journal of Information Systems (EJIS)
- Information and Management
- Information Systems Journal
- International Journal of Information Management (IJIM)
- Journal of Information science
- Journal of Information Technology (JIT)
- Journal of Management Information Systems
- Journal of the Operational Research Society
- MIS Quarterly
- Systemic Practice and Action Research
- Systems and Information Technology
- Systems Research and Behavioural Science
- The Strategic Journal of Information Systems (SJIS)