INFO7009: Management Information Systems

Title: Management Information Systems
Long Title: Management Information Systems 1

Module Code: INFO7009  Duration: 1 Semester

Credits: 5

NFQ Level: Intermediate

Field of Study: Information Systems

Valid From: Semester 1 - 2010/11 (September 2010)

Module Delivered in: no programmes

Module Coordinator: Claire OSullivan Rochford

Module Author: CATHERINE MURPHY

Module Description: This module provides a theoretical and practical introduction to information systems in the digital firm.

Learning Outcomes
On successful completion of this module the learner will be able to:

LO1 Appraise the role of information systems in today’s competitive business environment.
LO2 Explain the relationship between organisations, information systems and business processes.
LO3 Assess how information systems support business strategies for competitive advantage.
LO4 Evaluate the role of internet technology in facilitating existing and new value propositions and business models.
LO5 Illustrate the main moral dimensions of an information society.
LO6 Manipulate and analyse key business information using spreadsheet software.

Pre-requisite learning

Module Recommendations
This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named CIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).

To have taken modules in Information Technology or Business Information Systems

Incompatible Modules
These are modules which have learning outcomes that are too similar to the learning outcomes of this module. You may not earn additional credit for the same learning and therefore you may not enrol in this module if you have successfully completed any modules in the incompatible list.

No incompatible modules listed

Co-requisite Modules
No Co-requisite modules listed

Requirements
This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed. You may not enrol on this module if you have not acquired the learning specified in this section.

No requirements listed

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## Indicative Content

### Information Systems in the Enterprise
- Major types of systems in organisations, systems from a functional perspective, integrating functions and business processes, management opportunities, challenges and solutions

### Information Systems, Organisations and Strategy
- Organisations and information systems, how information systems impact organisations and business firms, the impact of IT on decision making, information systems and business strategy, management opportunities, challenges and solutions

### Electronic Business & Electronic Commerce
- Internet technology and the digital firm, new business models and value propositions, categories of e-commerce, e-commerce payment systems, business to business electronic commerce, new efficiencies and relationships, how intranets support e-business, intranet applications for electronic commerce, management opportunities, challenges and solutions

### Ethical & Social Issues in the Digital Firm
- Understanding ethical and social issues related to systems, moral dimensions of the information age, key technology trends that raise ethical issues, ethics in an information society, management opportunities, challenges and solutions

### Mobile Commerce
- M-commerce services and applications, accessing information from the wireless web, digital payment systems and m-commerce, m-commerce challenges.

### Spreadsheet Software
- Advanced spreadsheet features to include lookup functions, pivot tables, scenarios and data manipulation functions

## Assessment Breakdown

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>% of total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Work</td>
<td>50.00%</td>
</tr>
<tr>
<td>End of Module Formal Examination</td>
<td>50.00%</td>
</tr>
</tbody>
</table>

### Course Work

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Assessment Description</th>
<th>Outcome addressed</th>
<th>% of total</th>
<th>Assessment Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practical/Skills Evaluation</td>
<td>Computer Lab Assessment</td>
<td>2, 3, 4, 6</td>
<td>30.0</td>
<td>Week 9</td>
</tr>
<tr>
<td>Multiple Choice Questions</td>
<td>theory</td>
<td>1, 2</td>
<td>20.0</td>
<td>Week 9</td>
</tr>
</tbody>
</table>

### End of Module Formal Examination

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Assessment Description</th>
<th>Outcome addressed</th>
<th>% of total</th>
<th>Assessment Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formal Exam</td>
<td>End-of-Semester Final Examination</td>
<td>1, 2, 3, 4, 5</td>
<td>50.0</td>
<td>End-of-Semester</td>
</tr>
</tbody>
</table>

### Reassessment Requirement

**Repeat examination**  
Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.

The institute reserves the right to alter the nature and timings of assessment
## Module Workload

### Workload: Full Time

<table>
<thead>
<tr>
<th>Workload Type</th>
<th>Workload Description</th>
<th>Hours</th>
<th>Frequency</th>
<th>Average Weekly Learner Workload</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>Class-based instruction</td>
<td>2.0</td>
<td>Every Week</td>
<td>2.00</td>
</tr>
<tr>
<td>Lab</td>
<td>Computer Lab</td>
<td>1.0</td>
<td>Every Week</td>
<td>1.00</td>
</tr>
<tr>
<td>Tutorial</td>
<td>Small groups for discussion</td>
<td>1.0</td>
<td>Every Week</td>
<td>1.00</td>
</tr>
<tr>
<td>Independent &amp; Directed Learning (Non-contact)</td>
<td>No Description</td>
<td>3.0</td>
<td>Every Week</td>
<td>3.00</td>
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<tr>
<td></td>
<td>Total Hours</td>
<td></td>
<td></td>
<td>7.00</td>
</tr>
</tbody>
</table>

**Total Weekly Learner Workload**: 7.00

**Total Weekly Contact Hours**: 4.00

This module has no Part Time workload.
## Module Resources

### Recommended Book Resources


### Supplementary Book Resources


### This module does not have any article/paper resources

### Other Resources

- Web Resources: [www.siliconrepublic.com](http://www.siliconrepublic.com)
- Web Resources: [www.computerworld.com](http://www.computerworld.com)
- Web Resources: [www.dwinfocenter.org](http://www.dwinfocenter.org)
- Web Resources: [www.enterprise-ireland.ie](http://www.enterprise-ireland.ie)
- Web Resources: [www.irishcomputer.com](http://www.irishcomputer.com)
- Web Resources: [www.techcentral.ie](http://www.techcentral.ie)
- Web Resources: [www.research.bizreportcom](http://www.research.bizreportcom)