Course Objectives

In this module, the strategic roles of information systems and technology (including the Internet) in business organizations are examined. Frameworks for analysing the strategic impact of information technology on organizational and industry structures are introduced. Information systems that support or shape an organization's competitive strategy, as well as information systems that are used to re-engineer business processes in organizations are discussed.

This course is directed at business managers who must have a basic understanding of the current and potential strategic impacts of information technology and the Internet. Business managers do not need to be experts in information technology. Rather they need to be comfortable with using information technology applications as well as to have the necessary knowledge to exploit information technology to achieve strategic business objectives. In particular, business managers need to understand the management issues involved in exploiting information technology for competitive advantage.

Course Outline

The topics covered include:

1. Frameworks for strategic information systems.
2. Impact of information technology and the Internet.
3. Risks/pitfalls of SIS.
4. Sustainability of SIS
5. Future trends in strategic information systems.

NOTE: This course is taught seminar style where students are expected to come prepared for classes, having read assigned readings. Students are required to participate actively in discussion, failing which they will receive low marks for participation.
Reference Textbooks


Further references can be obtained from ISworld SIS Homepage

http://www.magal.com/iswn/teaching/sis/index.cfm

Assessment

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation</td>
<td>20%</td>
</tr>
<tr>
<td>Article presentation</td>
<td>15%</td>
</tr>
<tr>
<td>Group project</td>
<td>30%</td>
</tr>
<tr>
<td>End of term test</td>
<td>35%</td>
</tr>
</tbody>
</table>