

### **Module Descriptor: BAM 106 Information Systems**

<b><u>Module Name:</u></b>	Information Systems
<b><u>Level/Credits:</u></b>	Level 1, 15 Credits
<b><u>Module Aim:</u></b>	<p>This module is the first part of an information systems theme running through the course. The second part, BAM 243 will consider the technology infrastructure and architecture necessary to support an organisation's use of information systems. The final Level 3 modules will look at the management of information systems organisations (BAM 311) and Information Systems Strategy (BAM 318).</p> <p>During BAM 106, students will investigate the impact of information systems on organisations and begin to recognise that their successful implementation is a business issue. As prospective employees and managers of these organisations, regardless of whether they work within an IT department, graduates are very likely to be involved in discussing, specifying and working with a range of business systems. This module has been designed to provide an introduction to information systems within the business or organizational context. The focus will be on how businesses are using IS to deliver real benefits. Specific aims of the module are to:</p> <ul style="list-style-type: none"> <li>• Enable students to appreciate the role of information systems in organisations and recognise the relationship between them and how they support the management decision-making process.</li> <li>• Explore the interactive relationships between individuals, organisations and wider society that are promoted by IT.</li> </ul>
<b><u>Learning Outcomes:</u></b>	<p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the basics of data, information and knowledge management</li> <li>• Explore how information systems are used to support business processes and management decision making</li> <li>• Be aware of the benefits arising from the successful implementation of information systems and the associated issues involving change</li> <li>• Recognise the increasing importance of enterprise systems and e-commerce to the efficient operation of both small and large businesses</li> <li>• Have examined some of the issues raised as IT impacts on society at large together with the growing importance of security as an issue</li> </ul>

<p><b><u>Curriculum Content:</u></b></p>	<p>The course will begin with an introduction to information systems and fundamental concepts, ideas and critical components. This will be followed by an introduction to the role, application and management of information systems in business and commercial organisations. Students will be expected to reflect upon the impact of IT on individuals, organisations and the wider society and become aware of security and ethical issues.</p> <p>Students will be introduced to a wide range of enterprise systems covering, for example, supply chain management, knowledge management and collaborative working. The underpinning infrastructures will also be briefly introduced.</p>
<p><b><u>Learning Strategy:</u></b></p>	<p>The sessions have been designed as far as possible to promote active learning. Short sessions of content delivery, usually in the form of lecture style delivery, supported using PowerPoint presentations on the interactive whiteboard will be interspersed with a range of group workshop activities. Extensive use of electronic resources will be made to support activities. Presentation slides will be made available as handouts and electronically through 'My Courses' on Portia. The key messages will be summarised at the end of each session.</p> <p>A range of self-directed activities will also be assigned with the objective of enhancing knowledge of the subject and providing input to subsequent teaching sessions. Whilst these will not be formally assessed, they will provide students with an opportunity to develop their overall analytical and communication skills.</p>
<p><b><u>Assessment:</u></b></p>	<p><b>Formative:</b> Students will be formatively assessed through active involvement in seminar discussion and individual/group tasks during sessions including operating and managing of software and hardware.</p>

	<p><b>Summative:</b> The assessment will be split into two parts.</p> <p>Part 1 (40%) Undertaken in week 5, this will involve the analysis of a business process within a given business scenario. Based on this analysis, students will be expected to produce a report discussing how information systems could be used to improve the efficiency of the process (word-count 1000).</p> <p>Part 2 (60%) Undertaken towards the end of the module, students will be required to discuss the implementation of an enterprise application (e.g. Customer Relationship Management or Supply Chain Management) within a given organisation (word-count 1500)</p>
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