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| **Course Title** | : | Information Systems Management |
| **Course Code** | : | BUS206/BUS2206 |
| **No. of Credits/Semester** | : | 3 |
| **Mode of Tuition** | : | Sectional Approach |
| **Class Contact Hours** | : | 3 hours per week |
| **Category in Major Prog.** | : | Functional Core |
| **Prerequisite(s)** | : | Nil |

## Brief Course Description

This is a managerial course designed for students to gain an understanding of the effective use of information technology in organizations nowadays. Not only the latest generation of computing, internetworking, and decision support technologies, but also the current industry trends, management concepts and approaches, business applications, social and ethical issues related to information systems are covered in the course.

## Aims

This course aims to provide students with various backgrounds a reasonable level of understanding and appreciation of the importance of IS usage in meeting the organizational needs. It also enables student to have a clear picture of the role of IS in different functional areas at various management levels within an organization as a whole.

## Learning Outcomes

On completion of this course, students will be able to:

1. Understand the current generation of computing and information technologies for business.

2. Identify and distinguish the various types of information systems.

3. Appreciate the ways and means of the effective and ethical use of information technologies and systems in supporting the operation and decision making in business organizations.

4. Understand the strategic use of information systems in electronic commence, global business, customer relationship management, supply chain management.

5. Apply IT skills in processing data and presenting management information.

**<u>Measurement of Learning Outcomes</u>**

1.  Understanding of different types of information technologies and systems are assessed in the written examination.

2.  Strategic use of information systems is covered by the examination and case studies.
3.  The Group Project requires students to study and appreciate the effective and ethical use of current systems and technologies for supporting the operation and decision making of businesses. A rubric will be used for the individual assessment of the project oral presentation.  This rubric will address the Programme Level Learning Goal No. 1 Students have good communication skills**.**

4.  The Practical Assignments require students to apply IT skills to process transaction data, produce management reports, analyze financial data, and present information using Web technology. A rubric is used for the individual assessment of a practical software assignment. This rubric will address the Programme Level Learning Goals No. 2 Students are literate in IT knowledge and skills and No. 5 Students are able to think creatively.


**<u>Indicative Content</u>**

<u>Information Systems and the Enterprise</u>

Concepts of information systems, roles of information systems in organizations, enterprise applications, electronic business, electronic commerce, the concept of a digital firm, knowledge management systems, globalization and IT

<u>Information Technology and Infrastructure</u>

Internet technology, intranets and extranets, database technology, technologies for electronic business and electronic commerce

<u>Systems Development Methodology</u>

System development life cycle, prototyping, end-user development, outsourcing

<u>Categories and Functions of Information Systems</u>

Transaction processing systems, management information systems, decision support systems, knowledge work systems, executive support systems, functional and cross-functional information systems

<u>Social and Ethical Issues</u>

Concepts of ethics and social responsibility, information rights, privacy, security, intellectual property


**<u>Teaching Method</u>**

Sectional approach.  Class activities include lectures, software demonstration, case discussion, and student presentation.

## Assessment

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| Practical Assignments and Case Studies | 20% |
| Class Attendance | 5% |
| Mid-Term Quiz | 15% |
| Group Project | 20% |
| Examination | 40% |
| Total | 100% |

## Required/Essential Readings

Laudon, K. C. and Laudon, J. P. *Management Information Systems*, 12$^{th}$ Global ed., Pearson, 2012.

Monk, E. F., Brady, J. A. & Cook, G. S. Problem-Solving Cases in Microsoft Access and Excel, International Edition, Cenage Learning 2013.

## Recommended/Supplementary Readings

O'Brien, J. A., *Management Information Systems,* 6$^{th}$ ed., McGraw-Hill, New York, 2004.

O'Brien, J. A., *Introduction to Information Systems,* 12$^{th}$ ed., McGraw-Hill, New York, 2005.

McLeod, R. Jr., *Management Information Systems,* 9$^{th}$ ed., Prentice Hall, Upper Saddle River, 2004.