Course Descriptor
MIFS510 - MANAGEMENT INFORMATION SYSTEMS

Proposed Academic Year	2021-2022	**Last Reviewed Academic Year**	2020-2021
Course Code	MIFS510	**Course Title**	Management Information Systems
Credit hours	3	**Level of study**	Postgraduate
College / Centre	College of Business Administration	**Department**	MNGT-MBA
Co-requisites	None	**Pre-requisites**	None

1. COURSE OUTLINE

The use of information and communication technologies (ICT) by individuals and organizations dominates the business world. There is a fundamental change going on in the way that organizations run businesses and interact with each other. New types of infrastructure and applications are developed and utilized such as ERP (enterprise resource planning), IOS (inter-organisational systems), RFID (radio frequency identification), CRM (customer relationship management), to name a few. This course helps students see the connection between information systems (IS) and business performance.

2. AIMS

The aim of the course is to enable students to assess the opportunities and problems that managers in a wide range of organizations face as they attempt to use these IT applications to add value to their businesses. It also aims to help students understand transformational changes within and across industries. These changes have strategic implications for many businesses.

3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS

Learning Outcomes *(Definitive)* Upon successful completion of this course, students will be able to**:**	Teaching and Learning methods *(Indicative)*	Assessment *(Indicative)*
1. Critically understand the concepts of information system management in context of businesses	Lectures and seminars, Group work, Presentations	Class Presentation, Written Examination, Case Study, Assignments
2. Critically analyze the organizational, business and strategic issues surrounding information systems	Lectures and seminars, Group work, Presentations	Class Presentation, Written Examination, Case Study, Assignments
3. Critically evaluate the application of strategic information systems in practice.	Lectures and seminars, Group work, Presentations	Class Presentation, Written Examination, Case Study, Assignments
4. Critically understand the ethical issues in the implementation and management of information system	Lectures and seminars, Group work, Presentations	Class Presentation, Written Examination, Case Study, Assignments

practices		

4. ASSESSMENT WEIGHTING

Assessment	Percentage of final mark (%)
Midterm Examination	20
Case/Assignment	45
Final Exam	35
TOTAL	**100%**

5. ACHIEVING A PASS

Students will achieve **03** credit hours for this course by passing **ALL** of the course assessments and achieving a **minimum overall score of 50 %**

6. COURSE CONTENT (Indicative)

WEEK	LECTURE TOPIC	TIME (HOURS)
1	Business Information Systems: Uses and Applications	3
2	How Businesses Use Information Systems	3
3	Achieving Competitive Advantage with Information systems	3
4	IT Infrastructure	3
5	Databases and Information Management **Mid Term Exam**	3
6	Telecommunications	3
7	Securing Information system-I	3
8	Securing Information system –II	3
9	Enterprise Applications	3
10	Electronic Commerce **Case/Assignment**	3
11	Knowledge Management	3
12	Building Information system infrastructure-I	3
13	Building Information system infrastructure -II	3

14	Ethical and Social Issues	3
15	Revision	3
16	**Final Exam**	
	TOTAL HOURS	**45**
1 - 16	Plus **RECOMMENDED INDEPENDENT STUDY HOURS**	**45**
	TOTAL COURSE HOURS	**90**

7.   RECOMMENDED READING

Core text/s:
Laudon, K and Laudon, J (2012). Essentials of Management Information Systems, Prentice

Secondary/Additional Tests:
Galliers, R. D., & Leidner, D. E. (2014). Strategic information management: challenges and strategies in managing information systems. Routledge.

Baltzan, P., & Phillips, A. (2016). Business driven information systems. McGraw Hill Education.

Library + online resources:
ASU library
ASU online resources (ProQuest and ebrary)
Sultan Qaboos University Library (by agreement)