

1.	Course Title	Management Information System		
2.	Course Code	CICT2103		
3.	Status	Faculty		
4.	Credit Hour	Credit hour: 3 (2+1) 2 for lecture (2 hours per week x 14 weeks) 1 for tutorial (1.5 hours per week x 14 weeks)		
5.	Semester/Year	1/2		
6.	Prerequisites	Nil		
7.	Teaching method:	Lecture and Tutorial		
8.	Evaluation	Assessment and Marking Percentage: Quizzes 10 % Assignments 10 % Interactions through discussion board 10 % Mid-Semester Exam 20 % Final Examination 50 %		
9.	Lecturer	N/A		
10.	Objective of the Subject	This subject is designed to enable students to: <ul style="list-style-type: none"> To introduce the main components of a typical operating system and the services that it To emphasize the strategic roles of Information Systems (IS) to business managers and professionals. To discuss the basic concepts and functions of information systems and describe their uses and implications in the business world. To describe how businesses use Internet and other information technologies to support their business processes, e-business, e-commerce initiatives and business decision-making. To discuss how to plan, develop and implement IT-based business strategies and application. To emphasize the main security, ethical and societal issues and challenges in ICT. 		
11.	Learning Outcomes	Upon completion of this subject, students should be able to: <ul style="list-style-type: none"> Identify the various strategic roles of IS to business managers and professionals. Outline and describe the basic concepts and functions of IS. Identify and analyze the implications of IS to business managers and professionals. Outline and describe the basic concepts of the Internet and other information technologies in supporting business processes in organization. Demonstrate how to plan, and develop IT-based business strategies and application. Gain an awareness of security, ethical and societal issues that relates to ICT. Demonstrate knowledge and skills with regard to written communication skills through individual/group written assignments. Demonstrate knowledge and skills with regard to presentation communication skills through group/individual presentation. 		
12.	Synopsis	This subject deals with the important aspects of a computer operating system, including processes, scheduling algorithms, and memory management. Concepts such as deadlocks, memory management, and file management are detailed..		
13.	Topics	Details	Lecture (Hrs)	Tutorial (Hrs)
	Topic 1	INFORMATION SYSTEMS IN GLOBAL BUSINESS TODAY <ul style="list-style-type: none"> The Role of Information Systems in Business Today Perspectives on Information Systems Contemporary Approaches to Information Systems 	2	1.5
	Topic 2	Global E-Business: How Businesses Use Information Systems <ul style="list-style-type: none"> Business Processes and Information Systems Types of Business Information Systems Systems that Span the Enterprise The Information Systems Function in Business 	2	1.5

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	Topic 3	Information Systems, Organizations, and Strategy <ul style="list-style-type: none"> Organizations and Information Systems How Information Systems Impact Organizations and Business Firms Using Information Systems to Achieve Competitive Advantage Using Systems for Competitive Advantage: Management Issues 	2	1.5
	Topic 4	Ethical and Social Issues in Information Systems <ul style="list-style-type: none"> Understanding Ethical and Social Issues related to Systems Ethics in Information Society The Moral Dimensions of Information Systems 	2	1.5
	Topic 5	IT Infrastructure and Emerging Technologies <ul style="list-style-type: none"> IT Infrastructure Infrastructure Components Hardware Platform Trends and Emerging Technologies 	2	1.5
	Topic 6	IT Infrastructure and Emerging Technologies <ul style="list-style-type: none"> Software Platform Trends and Emerging Technologies Management Issues 	2	1.5
	Topic 7	Foundations of Business Intelligence: Databases and Information Management <ul style="list-style-type: none"> Organizing Data in a Traditional File Environment The Database Approach to Data Management 	2	1.5
	Topic 8	Telecommunications, the Internet and Wireless Technology <ul style="list-style-type: none"> Telecommunications and Networking in Today's Business World Communication Networks 	2	1.5
	Topic 9	Telecommunications, the Internet and Wireless Technology <ul style="list-style-type: none"> The Internet The Wireless Revolution 	2	1.5
	Topic 10	Securing Information Systems <ul style="list-style-type: none"> System Vulnerability and Abuse Business Value of Security and Control 	2	1.5
	Topic 11	Securing Information Systems <ul style="list-style-type: none"> Establishing a Framework for Security and Control Technologies and Tools for Security 	2	1.5
	Topic 12	Achieving Operational Excellence and Customer Intimacy: Enterprise Applications <ul style="list-style-type: none"> Enterprise Systems Supply Chain Management Systems 	2	1.5
	Topic 13	Achieving Operational Excellence and Customer Intimacy: Enterprise Applications <ul style="list-style-type: none"> Customer Relationship Management Systems Enterprise Applications: New Opportunities and Challenges 	2	1.5
	Topic 14	Commerce: Digital Markets, Digital Goods <ul style="list-style-type: none"> Electronic Commerce and the Internet Electronic Commerce M-Commerce Electronic Commerce Payment Systems 	2	1.5
		Total contact hours	28	21
		Equivalent lecture hours	28	14
		Total lecture hours	42	
		Credit hours	3	

14.	Main references:	Laudon, Kenneth C. & Laudon, Jane P., (2007). Management information systems: Managing the digital firm , 10th ed., Upper Saddle River, New Jersey, Pearson Education International.
15.	Additional References:	O'Brien, James A. and Marakas, George M. (2006). Management Information Systems (7th ed). McGraw-Hill
	Other Materials:	All other materials will be available to students online.