

1.	Course Title	Management Information System		
2.	Course Code	CICT2513		
3.	Status	Major		
4.	Credit Hour	3 (2+1) 2 lecture (2 hours lecture x 14 weeks) 1 tutorials (1.5 hours per x 14 weeks)		
5.	Semester/Year	2/2		
6.	Prerequisites	CCPS1513 Computer Programming		
7.	Teaching method:	Distance Learning (Electronic)		
8.	Evaluation	Assessment and Marking Percentage: Participation 5% Quizzes 15% Project 15% Mid Sem Exam 15% Final Examination 50%		
9.	Lecturer			
10.	Objective of the Subject	- 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	By the end of the subject, students should be able to: - 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 - 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 - Business Processes and Information Systems - Types of Business Information Systems - Systems that Span the Enterprise	2	1.5

Bachelor of Information Technology (Hons)

		The Information Systems Function in Business		
	Topic 3	Information Systems, Organizations, and Strategy - 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 - 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 - IT Infrastructure - Infrastructure Components - Hardware Platform Trends and Emerging Technologies	2	1.5
	Topic 6	IT Infrastructure and Emerging Technologies - Software Platform Trends and Emerging Technologies - Management Issues	2	1.5
	Topic 7	Foundations of Business Intelligence: Databases and Information Management - Organizing Data in a Traditional File Environment - The Database Approach to Data Management	2	1.5
	Topic 8	Telecommunications, the Internet and Wireless Technology - Telecommunications and Networking in Today's Business World - Communication Networks	2	1.5
	Topic 9	Telecommunications, the Internet and Wireless Technology - The Internet - The Wireless Revolution	2	1.5
	Topic 10	Securing Information Systems - System Vulnerability and Abuse - Business Value of Security and Control	2	1.5
	Topic 11	Securing Information Systems - 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 - Enterprise Systems - Supply Chain Management Systems	2	1.5
	Topic 13	Achieving Operational Excellence and Customer Intimacy: Enterprise Applications - Customer Relationship Management Systems - Enterprise Applications: New Opportunities and Challenges	2	1.5
	Topic 14	Commerce: Digital Markets, Digital Goods - 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	

Bachelor of Information Technology (Hons)

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