

1.	Course Title	Essentials of Management Information System		
2.	Course Code	CICT1043		
3.	Status	Major		
4.	Credit Hour	3 credit hours (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	CICT1033 & BMGT1013		
7.	Teaching method:	Distance Learning (Electronic)		
8.	Evaluation	Assessment and Marking Percentage: Quizzes 10 % Assignments 10 % Interactions through discussion board 10 % Mid-Semester Exam 20 % Final Examination 50 %		
9.	Lecturer			
10.	Objective of the Subject	As businesses are rapidly changing, there is a growing demand for graduates who have the analytical skills and business backgrounds to make business processes more productive. Therefore students of this course are expected to be able to: - Analyze an organization's information needs. - Design a computer-based delivery system to meet these needs. - Direct the implementation and operation of the system.		
11.	Learning Outcomes	At the end of studying CICT1043, students will be able to: - Able to validate information as a key resource and describe both personal and organizational dimensions of information. - Able to explain why people are the most important organizational resource, define their information and technology literacy changes. - Able to define competitive advantage and illustrate the role of information technology in producing operational excellence, generating business intelligence, facilitating major business initiatives, supporting decision making, and enabling organizational transformation. - Able to define and describe the two major e-commerce business models and the IT tools necessary to effectively carry out online businesses. - Able to understand the social and ethical issues attributed to information systems such as privacy, information ownership and information security.		
12.	Synopsis	CICT1043 presents business students with an introduction to information systems and how they change organizations today in order to be more efficient and competitive in business.		
13.	Topics	Details	Lecture (Hrs)	Tutorial (Hrs)
	Topic 1	The Information Age in Which You are Live: Changing the Face of Business - Information as a Key Resource - People as a Key Resource - Information Technology as a Key Resource - Information Technology in Support of Business - Information Technology in Your Life	4	3
	Topic 2	Major Business Initiatives: Gaining Competitive Advantage with IT - Supply Chain Management - Customer Relationship Management - Business Intelligence - Integrated Collaboration Environments	4	3
	Topic 3	Databases and Data Warehouses: Building Business Intelligence	4	3

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		• The Relational Database Model • Database Management System Tools • Data Warehouses and Data Mining • Managing the Information Resource		
	Topic 4	Decision Support and Artificial Intelligence: Brainpower for Your Business • Decisions Support Systems • Geographic Information Systems • Artificial Intelligence • Expert Systems • Neural Networks	4	3
	Topic 5	Electronic Commerce: Strategies for The New Economy • E-Commerce Business Models • Understand Your Business, Products, Services, and Customers • Find Customers and Establish Relationship • Move Money Easily and Securely	4	3
	Topic 6	System Development: Steps, Tools and Techniques • Insourcing and the Systems Development Life Cycle • Selfsourcing and Prototyping • Prototyping • Outsourcing	4	3
	Topic 7	Protecting People and Information: Threats and Safeguards • Ethics • Privacy • Information • Security	4	3
		Total contact hours	28	21
		Equivalent lecture hours	28	14
		Total lecture hours	42	
		Credit hours	3	
14.	References			
	Text book:	Haag, Stephen, Cummings, Maeve and Philip, Amy (2007). Management Information Systems for the Information Age (6th ed.) McGraw-Hill		
	Additional :	1. O'Brien, James A. and Marakas, George M. (2006). Management Information Systems (7th ed). McGraw-Hill 2. Laudon, Kenneth C. and Jane P. (2005). Management Information Systems: Managing the Digital Firm (8th ed). Prentice Hall 3. Effy Oz, <i>Management Information Systems (2005)</i>. Course Technology (4th ed). Thompson Place		
	Other materials :	All other materials will be available to students online.		