

Department: Management Information Systems	Program: MBA
Course Name: Information Technology in Organizations	Course Code: MIS 611
Pre-requisite: Not Applicable	Credit Hours: 3

Brief Description
<p>This course introduces the strategic use and implications of information technology in the business environment. It focuses on how information systems affect and are affected by organizational goals and strategies. Thus, the course incorporates basic overviews of the components of an information system, such as hardware, software, data storage and retrieval, network communications, the information systems development process and systems development as planned organizational change.</p>
Course Objectives
<p>After completion of this course the student will be able to:</p> <ul style="list-style-type: none"> ➤ Discuss the concepts of information systems (IS) in an organization. ➤ Describe how IS contribute to globalized business processes. ➤ Apply IS frameworks and techniques to improve organizational performance & strategies. ➤ Compare and contrast various analytical tools and technologies for business problems to make sound business decisions. ➤ Describe the key components of IS. ➤ Examine organizational change has an influence on IS. ➤ Access how to build and manage IS.
Course Learning Outcomes
<ul style="list-style-type: none"> ➤ Distinguish between different applications of computer ➤ Apply the computer applications in different business situations ➤ Use IT skills writing business reports ➤ Use IT skills in oral communication ➤ Have skills of using computer applications in business administration ➤ Have the skills of critical thinking and analysis in the fields of business ➤ Use IT skills in practice of sustainability ➤ Use IT skills of leadership, teamwork, and decision making in business administration ➤ Have the ability to distinguish between ethical issues in business administration ➤ Have the competence of social responsibility in the fields of business administration
Course Topics
<ul style="list-style-type: none"> ➤ Organizations, Management, and The Networked Enterprise ➤ Information Technology Infrastructure ➤ Key System Applications for the Digital Age ➤ Building and Managing Systems

Text Book			
<p>➤ Loudon, K. J. (2016). <i>Management Information Systems: Managing the Digital Firms</i>, 14th edition. New York: Pearson Education Ltd.</p>			
Additional References			
<p>➤ McLeod, R. and Schell, G.P. (2008). <i>Management Information Systems</i>, Tenth Edition, Upper Saddle River New Jersey 07458: Pearson/Prentice Hall</p> <p>➤ McNurlin, Sprague & Bui. (2014). <i>Information Systems Management: Pearson New International Edition</i>. 8th edition. Pearson.</p> <p>➤ Chaffey & White. (2011). <i>Business Information Management: Improving Performance Using Information Systems</i>. 2nd edition. FT Prentice Hall, Harlow.</p>			
Online Resources			
<p>➤ Computer and Information Systems Managers (U.S. Department of Labor)</p> <p>➤ Index of Information Systems Journals</p> <p>➤ MIS Web sites (Bournemouth University)</p> <p>➤ MIS Links (University of York)</p>			
Course Outline			
Week	Hours	Topics	Remarks
1	3	Information Systems in Global Business Today	
2	3	Information Systems, Organizations, and Strategy	
3	3	Ethical and Social Issues in Information Systems	
4	3	IT Infrastructure and Emerging Technologies	
5	3	Foundations of Business Intelligence: Databases and Information Management	
6	3	Telecommunications, the Internet, and Wireless Technology	
7	3	Securing Information Systems	
8	3	Midterm exam	
9	3	Achieving Operational Excellence and Customer Intimacy: Enterprise Application	
10	3	E-commerce: Digital Markets, Digital Goods	
11	3	Managing Knowledge	
12	3	Enhancing Decision Making	
13	3	Building Information Systems – Managing projects	
14	3	Managing Global Systems	
15	3	Presentations	

Measurement and Assessment Tools

			Knowledge	Business Skills				Values			
	Grades	Week	Identify & apply	Written	Oral	Information Technology	Critical thinking	Sustainability	Leadership	Ethics	CSR
Midterm Exam	20	9	X								
Case Study	10	12		X		X	X	X	X	X	X
Project	20	15		X		X	X	X	X	X	X
Presentation	10	15			X						
Final Exam	40	TBD	X								
Total	100										

Approved by Department Chair	Date of Approval

Additional Information: Updated every Semester by Course Instructor	
Course Instructor	
Department	
Email	
Office No.	
Extension	
Office Hours	