The Hashemite University

Department of Business Administration

Management Information System

Syllabus and Recommended Readings

Academic Year: 2018/2019

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COURSE DESCRIPTION

Introduction and nature of MIS, types of information systems, role of technology in programming, analysis and designing of information systems. Application, evaluation and strategic role of information systems.

COURSE OBJECTIVES

This course aims to:

- Provides an overview of fundamental MIS concepts using an integrated framework
- Enable students to understand how business firms use information technologies and systems to achieve corporate objectives.

Learning outcomes- Knowledge and Understanding

On successful completion of this course students will be able to:

- To analyze the role of information systems in today's competitive business environment and explain how information systems are transforming organizations and management.
- To show how the Internet and Intranet technologies have transformed business and government.
- To identify the major management challenges to building and using information systems.
- To identify the major types of systems in a business and explain the role played by the key system applications in a business and demonstrate how information systems support the major business functions of sales and marketing, manufacturing and production, finance and accounting, and human resources.
- To analyse why managers need to pay attention to business processes, and discuss; why firms need to integrate their business processes and demonstrate how Internet technology can facilitate management and coordination of internal and inter-organizational business processes.
- To identify challenges to the protection of individual privacy and intellectual property by contemporary information systems technology.
- To identify the difficulties in building successful information systems, including systems that promote competitive advantage.

Assessment

Type of assessment	Weighting
First Exam	25%
Second Exam	25%
Final Exam	40%
Participation and Attendance	10%

Learning & Teaching Strategies

Provision of an outline content and associated reading list, which is referred to in class sessions to promote guided personal study. The tutor introduces and explains key concepts and learning points, which are consolidated by class discussion and case study analysis to achieve understanding and prepare for assessment. Students will be encouraged to offer examples from their experience of work where appropriate. In fact an underlying principle of the learning and teaching strategy is to develop students as reflective practitioners and encourage engagement with continuous professional development.

Syllabus Outline

Week	Topic	Reading
1	• Overview • Information systems in Global Business Today's	**Ch. 1**
2	• Information systems in Global Business Today's	**Ch. 1**
3	• Global E-Business: How Businesses Use Information Systems	**Ch. 2**
4	• Global E-Business: How Businesses Use Information Systems • Information Systems, Organisations and Strategy	**Ch. 2, Ch. 3**
5	• Information Systems, Organisations and Strategy • Ethical and Social Issues in Information Systems	**Ch. 3, Ch. 4**
6	• IT Infrastructure and Emerging Technology	**Ch. 5**
7	**First Exam** • Telecommunications, The Internet, and Wireless Technology	**Ch. 7**
8	• Telecommunications, The Internet, and Wireless Technology	**Ch. 7**

9	• Securing Information Systems	**Ch. 8**
10	• Securing Information Systems	**Ch. 8**
11	• E-commerce: Digital Markets, Digital Goods	**Ch. 10**
12	**Second Exam** • Managing Knowledge and Collaboration	**Ch. 11**
13	• Enhancing Decision Making	**Ch. 12**
14	• Enhancing Decision Making	**Ch. 12**
15	• Enhancing Decision Making • Revision	**Ch. 12**
16	**Final Exam**	

Recommended Readings

Essential Text
Laudon, K. And Laudon, J. (2012) Management Information Systems: Managing The Digital Firm**,** 11th Ed., Pearson, NJ

Additional Texts		
Laudon and Laudon		*Essentials of Management Information Systems, (9th Edition), Pearson, Upper Saddle River, NJ.*

Recommended Online Resources
Doing Business on the Internet
The MIT Center for Digital Business
Center for Research in E-Commerce, UT-Austin
E-Business Research Center, Pennsylvania State University
Managing the Digital Enterprise, M. Rappa, North Carolina State University
Global Technology Forum, Economist Intelligence Unit
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