	Hashemite University Prince Al-Hussein bin Abdullah II Faculty for Information Technology Department of Computer Information System	

Course Syllabus

Year: 2018-2019 **Semester: (1)**

Course No.	Course Title	Designation	Prerequisite	Co-requisite	Credit Hours Lectures /Lab.
111002377	Information Technology Systems	Electives	151002240	-	3 / 0

Instructor Name	E-mail	Office No.	Office ext.	Office Hours
Prof. Ahmad Khasawneh	akhasawneh@hu.edu.jo	230	-	Sun, Monday, Tue, Wed (10-12)

Coordinator's Name:	Prof. Ahmad Khasawneh

Course Description	Presents introduction to the principles of Information Systems (IS) and their foundational technologies: hardware, software, databases, and networks (the Internet, Intranets, and Extranets). It identifies steps of the systems development process, types of roles, functions, competitive advantages, and careers in IS. It describes how IS are used in organization to improve its quality, revenue, service and competitive advantage. It includes topics for understanding business information systems including Mobile Commerce and Enterprise Systems, Decision Support Systems, and Specialized Information Systems.

a) Textbook(s):
1. Fundamentals of Information Systems, 9th Edition, Ralph M. Stair & George W. Reynolds; Published: 2016 - ISBN-10: 1337097535 | ISBN-13: 9781337097536
b) References:
1. Management Information Systems (MIS) and Business Technology, David Olson, 2015, ISBN:9780073402987

2. Information Assurance and Security Technologies for Risk Assessment and Threat Management: Advances by Te-Shun Chou (Editor), Call Number: eBook, ISBN: 9781613505083
3. Management Information Systems: Managing the Digital Firm (15th Edition), Kenneth C. Laudon,Carol Guercio Traver ISBN-13: 978-0132142854, ISBN-10: 0132142856

Course Learning Outcomes (CLOs)
1) In-depth understanding the concepts of Information Systems (IS) and Information Technology (IT) and Identify the roles and effects of their applications on organizations. (1)
2) In-depth understanding of the different types of computer hardware, software and networks. (1,2)
3) In-depth understanding the appropriate technologies to support electronic and mobile commerce, decision making, and other business activities.(1,2,4)
4) In-depth understanding of the various types of IS acting in business organizations. (6)
5) Be able to understand the different IS and IT applications. (1,2,4, and 6)
Students Learning Outcome (SLOs)
1,2,4,6

Topic Details	Course ILO number	Reference	No. of Weeks	Contact *hours
1. An Introduction to Information Systems in Organizations	1	1 self-readi) (ng	-	
2. Hardware and Software	2	2	1	3
3. Database Systems, Data Centers, and Business Intelligence	2	3	2	6
4. Telecommunications, the Internet, Intranets, and Extranets	2	4	2	6
5. Electronic and Mobile Commerce and Enterprise Systems	3	5	2	6
6. Information and Decision Support Systems	4	6	3	9
7. Knowledge Management and Specialized Information Systems	4	7	2	9
8. Systems Development and Social Issues	5	8	2	3
Total			**14**	**42**

Assessment method	Grade	Comments
First Exam	25%	Covers Chapters 1,2,3

Second Exam	25%	Covers Chapters 4,5,6
Assignments and Quizzes	10%	TBA
Final Exam	40%	Covers all topics that were discussed during the semester
Total	100%	