



# University of Jordan

King Abdullah II School for Information Technology  
Business Information Systems Department

## Information Resource Management (1903235)

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### Subject Outline

#### General Information

- Subject title: Information Resource Management
- Subject number: 1903235
- Semester and year offered: Spring semester, 2012
- Subject level: UG (under graduate) 3<sup>rd</sup> year
- Name of subject lecturer: Dr. Omar Sultan Al-Kadi
- School and Department: King Abdullah II School for Information Technology (KASIT), Department of Business Information Systems (BIS)

#### Course Objectives

The goal of this course is to assist students in becoming knowledgeable participants in information systems decisions. Becoming a knowledgeable participant means learning the basic concepts of information resources and knowledge management in order to feel confident to choose appropriate decisions. Being able to fully understand what the Information systems strategy triangle is and how to evaluate organizational impacts of information systems, and how to co-op with rapid IT changing business processes and knowing how to build a suitable IT architecture for any business application.

#### Prerequisite

Completion of:

- Information technology fundamentals (1903101)
- Management information systems (1903232)

## **Contacting Subject Lecturer**

*Subject lecturer:* Dr. Omar Sultan Al-Kadi

*E-mail:* o.alkadi@ju.edu.jo

*Work Phone:* 5355000 ext. 22623

*Office location:* University of Jordan, KASIT Building, third floor

*Office hours:* Check times at: <http://www.ju.edu.jo/sites/Academic/o.alkadi/Pages/OfficeHours.aspx>, or send an e-mail to arrange for an appointment.

## **Course Contents**

### **Week 1. Introduction to Management Information Systems**

Background Reading: Management Using Information Systems (MUIS) Introduction

### **Week 2. Linking Systems to Strategy and the Organization**

Reading: MUIS Chapter 1

### **Week 3. Organizational Strategy: Managerial Levers**

Reading: MUIS Chapter 3

### **Week 4. Work Design: Enabling Global Collaboration**

Reading: MUIS Chapter 4

### **Week 5&6. Information System Strategy: Architecture and Infrastructure**

Reading: MUIS Chapter 6

### **Week 7. Business Analytics and Knowledge Management**

Reading: MUIS Chapter 12

### **Week 8&9. Strategic Use of the Information Resource in a Global Economy**

Reading: MUIS Chapter 2

### **Week 10. Building and Changing Global Business Process**

Reading: MUIS Chapter 5

### **Week 11. Sourcing Information systems around the World**

Reading: MUIS Chapter 7

### **Week 12&13. Governance of the Information System Organization**

Reading: MUIS Chapter 8

### **Week 14. Summary and Presentations.**

### **Week 15. Review**

## **Work load**

There will be two midterm exams each with a weight of 20 marks, and a seminar & presentation and class participation with a weight of 10 marks.

Topics to choose from for the Technology Update Short Seminar:

<ol style="list-style-type: none"> <li>1. What is new in document management systems?</li> <li>2. What is Object Orientation?</li> <li>3. What are the latest developments in cellular, radio, and other wireless networking technologies?</li> <li>4. Carry it with you: the latest in portable and handheld computers.</li> <li>5. PCs meet TV: Intericast and its competition.</li> <li>6. Client-Server architecture: The latest server trends.</li> <li>7. Why move to Windows/Office XP?</li> <li>8. What is "Lotus Notes" and what competes with it?</li> <li>9. How to store lots of information: Data Warehousing.</li> <li>10. What are the challenges in multimedia?</li> </ol>	<ol style="list-style-type: none"> <li>11. Real smart computers: Parallel Processing systems.</li> <li>12. What is the state of Voice Recognition</li> <li>13. Making systems quickly: CASE Tools</li> <li>14. RISC versus CISC technology and chips of tomorrow</li> <li>15. Satellite technologies: GIS versus GPS.</li> <li>16. Enterprise Information Systems: What is a SAP?</li> <li>17. Working from home: to ISDN or not to ISDN?</li> <li>18. What's up at Apple: The latest Mac technology</li> <li>19. Is Java just a cup of hot coffee (and what about ActiveX)?</li> <li>20. Unix and other operating systems</li> </ol>
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**Textbook**

Management and using Information Systems: *A Strategic Approach*, fourth edition  
 By Keri Pearlson and Carol Saunders, Wiley; 2009

**Subject Policy**

Feedback on assignments is given on the individual assignment documents and in general discussion of the assignment in class.

a. *Examinations*

- The final examination will be conducted in a two hours' duration.
- The final examination will comprise multiple choices, short and long questions.

b. *Submissions, late penalties, absences etc.*

- Late submissions are not allowed except when the student can provide an appropriate medical certificate that is accepted by the subject lecturer.
- Student is deprived from attending the final exam of the course if s/he is absent for 15% of class time (5 absence for lecture duration 1 hour 20 minutes, and 7 absence for lecture duration 50 minutes) and will be given a fail (F) grade. If the absence is for a valid reason that is deemed acceptable by the registrar, the student is considered withdrawn (WD) from the subject.
- A grace period of 5 minutes is granted for late arrival to course lectures. Late arrival between 5 & 10 minutes will be marked as late attendance, and one absence will be issued for four late attendances. Late arrival of more than 10 minutes will be marked as absent.

a. *Special consideration and deferred examinations*

In the case of illness, misadventure at the scheduled time of an examination, students should contact the subject lecturer as soon as possible.

b. *Supplementary examinations*

A supplementary examination is not allowed in this subject. If you miss the first midterm exam for a valid reason (as described in “b”) then your mark will be the average of the second midterm exam and the final exam; if you miss the second midterm exam then your mark will be the average of the first midterm exam and the final exam.

## **Student responsibility**

a. *Enrolment*

It is the student’s responsibility to ensure that they are correctly enrolled in each subject and that the subjects are correct for their course of study.

b. *Attendance*

Students are expected to attend lectures.

c. *Announcements*

Announcements made on the subject website or in lectures are deemed to be made to all students.

d. *Workload*

The bulk of the student workload will be in lecture revision, solving assignment’s questions and in laboratory applications.