The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Management Information Systems in Information Centers and Libraries
2	Course number	0807772
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	
5	Program title	Library and information science
6	Program code	70
7	Awarding institution	University of Jordan
8	Faculty	Faculty of educational sciences
9	Department	Library and information science
10	Level of course	Post graduate programme
11	Year of study and semester (s)	First or second semester
12	Final Qualification	MA in Library and information science
13	Other department (s) involved in teaching the course	
14	Language of Instruction	English
15	Date of production/revision	Dec 2016

Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.
Dr. Faten Hamad
Office hours Sunday Tuesday and Thursday 11 to 12
Office phone number: 24579 f.hamad@ju.edu.jo

16. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.
Dr. Faten Hamad
Office hours Sunday Tuesday and Thursday 11 to 12
Office phone number: 24579 f.hamad@ju.edu.jo

17. Course Description:

As stated in the approved study plan.

Course Description
This course introduces students to the use of information technology (IT) and management information systems (MIS) within today's fast-paced, dynamic, and global business environment. The concept of management information systems in information centers and Libraries: development, functions, values, characteristics, components and types. The use of technology, and the role of management information systems in decision-making, planning for the establishment of management systems as to design and analysis, development, maintenance and evaluation.

The Goal

The main goal of this course is to enable students to understand the role of the Information Technology and Information Management Systems in supporting organizations to effectively use information systems in a dynamic business environment.

19. Course aims and outcomes:

A- Aims:

The aim of this course is to understand the basic concepts management information systems, look at different types of MIS that are available to various organizations.

B- **Intended Learning Outcomes (ILOs):** Upon successful completion of this course students will be able to …

Enable students to:

1. Understand the meaning of MIS and describe the important organizional resources within it.
2. Understand Supply Chain Management systems and describe their strategic and competitive opportunities.
4. Compare and contrast Porter's three generic strategies; above-the-line versus below-the-line, run-growtransform framework as approaches to the development of business strategies.
5. Analyze the impact IT culture has on technology choices and their implementations within an organization.
6. Highlight the significance of ERP software as the first enterprise software generation.
7. Highlight and describe the key characteristics of a relational database, and the five software components of a DBMS.
8. Understand the library information management system LIMS functions and application in library environment.

Topic Outline and Schedule:

Weeks	Topics
3-1	**THE INFORMATION AGE IN WHICH YOU LIVE** An introduction to Management Information Systems (MIS). MIS Resources namely Information, People and Information Technology. Financial impact of IT: Break- Even Point. Industry impact of IT: Porter's Five Forces Model. Strategy impact of IT: Porter (Again) and RGT.
6-4	**USING INFORMATION TECHNOLOGY (IT) FOR COMPETITIVE ADVANTAGE** Introduction, Supply Chain Management, Customer Relationship Management, Enterprise Resource Planning (ERP) – Bringing IT All Together. Social Media
	Mid Exam
8-9	**DATBASES AND DATA WAREHOUSES** Introduction, the Relational Database model, Database Management Systems (DBMS), Data Warehouse and Data Mining, Information Ownership.
10-11	**LIBRARY MANAGEMENT SYSTEM** Introduction, library system requirements, Library process and work dataflow. Types and example of LMS.
11-12	**ANALYTICS, DECISION SUPPORT AND ARTIFICIAL INTELLIGENCE** Introduction, Decision and Decision Support, Geographical Information Systems (GIS), Data – Mining Tools and Models, Artificial Intelligence (Expert Systems), Agent-Based Technologies

12-13	**ELECTRONIC COMMERCE**
	Introduction, E-Commerce Business Models, Understand Your Business, Products, Services, and Customers, Find Customers and Establish Relationships. Move Money Easily and Securely, E-Business Trends
14-15	**Term Projects discussion**

20. Teaching Methods and Assignments:

Lectures are given to students through power point slides.
Peer reviewed articles are sometimes distributed to students in class to read and discuss Real
life examples are introduced to better understand the concept of MIS and LMS

21. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following <u>assessment methods</u> <u>and requirements</u>:

One mid-term exam
One final exam
One term project/paper

23. Course Policies:

A- Attendance policies:

Attendance is registered every lectures and entered into the system B-

Absences from exams and handing in assignments on time:

Make up exam is set for students with valid excuse C-

Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehaviour:

Any cheating cases are to be reported (non so far!) E-

Grading policy:

Following ideal answer in some questions, allowing flexibility in the analytical questions since they allow different perspective and thinking, taking into consideration logical thinking.

F- Available university services that support achievement in the course:

Having a data show to demonstrate lectures

24. Required equipment:

Data show only

25. References:

- Handouts.
- **Textbook (TB)**

   Haag, S., Cummings, M., Management Information Systems, McGraw Hill, 9_{th} edition, 2013.
- **Reading materials and articles for discussion and analysis.**

26. Additional information:

Name of Course Coordinator: ------------------Signature: ----------------------- Date: ----------------------- Head

of curriculum committee/Department: ----------------------- Signature: -------------------------------

Head of Department: ------------------------ Signature: -------------------------------

Head of curriculum committee/Faculty: ----------------------- Signature: -------------------------------

Dean: -- -Signature: -------------------------------

<u>Copy to:</u>
Head of Department
Assistant Dean for Quality Assurance
Course File