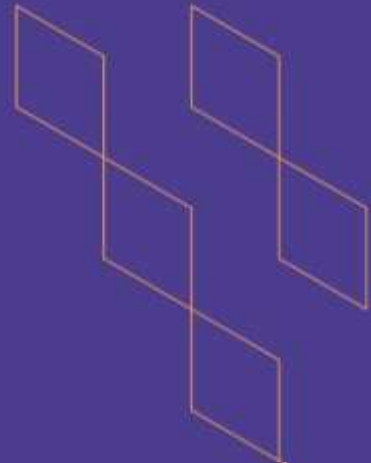# Course Specification

| Course Title: Management Information Systems (2) |
| Course Code: BA2204 |
| Program: BA Degree in Business Administration |
| Department: Business Administration |
| College: College of Business |
| Institution: Umm Al-Qura University |
| Version: 2 |
| Last Revision Date: 28/01/2023 |

Table of Contents:

A. General information about the course:

Course Identification	
1. Credit hours:	3

2. Course type					
a.	University ☐	College ☐	Department☒	Track☐	Others☐
b.	Required ☒	Elective☐			

3. Level/year at which this course is offered: Level 8	

4. Course general Description

This course builds upon Management Information Systems (1) and aims to familiarize students with the main types of information systems (IS) in modern organizations. It introduces students to the concepts of decision support systems, structured and Agile methodologies of systems development, and e-commerce. In doing so, the course covers essential topics on contemporary issues in MIS while also serving as preparation for a number of required courses in the Information Systems Management Track.

5. Pre-requirements for this course (if any):
BA2203

6. Co- requirements for this course (if any):

7. Course Main Objective(s)

This course continues the aims of Management Information Systems (1), with the added emphasis on developing the conceptual and practical skills needed to engage with the more technical aspects of technology use in organizations.

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	24	80%
2.	E-learning		
3.	Hybrid • Traditional classroom • E-learning	6	20%
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	18
2.	Laboratory/Studio	12
3.	Field	
4.	Tutorial	
5.	Others (specify)	
	Total	30

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Describe the characteristics of the main types of information systems and the roles they play in a business	K1	Presentation, discussion, digital learning material, and group/class activities	Oral during the class, Assignments and exams
1.2	Define the traditional systems development life cycle (SDLC) and describe the major phases within it.	K1	Presentation, discussion, digital learning material, and group/class activities	Oral during the class, Assignments and exams
1.3	Identify and describe the most important tools and technologies for safeguarding information resources.	K3	Presentation, discussion, digital learning material, and group/class activities	Assignments and exams
2.0	Skills			
2.1	Identify the steps necessary to implement the structure of a relational database using the data definition language provided by a given DBMS.	S1	Presentation, discussion, digital learning material, and group/class activities	Assignments and exams

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.2	Build an entity-relationship (E-R) diagram.	S5	Presentation, discussion, digital learning material, and group/class activities	Assignments and exams
2.3	Identify the major trends that are impacting the e-commerce business world.	S5	Presentation, discussion, digital learning material, and group/class activities	Assignments and exams
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate values of integrity, ethical behavior, cooperation, and independence in both academic and personal contexts.	V3	Divide students in groups and change the leadership of groups each period	Group Presentation Assess each group achievements
...				

C. Course Content

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No	List of Topics	Contact Hours
1	Designing Databases	6
2	Classifications of IS: Transaction Processing (TPS), Management Information (MIS), Decision Support (DSS) and Expert Systems	3
3	Systems Development: Phases, Tools and Techniques	6
4	Information Security Management	3
5	Infrastructure and Cloud Computing	3
6	Electronic Commerce	6
7	Emerging Trends and Technologies	3
Total		30

E. Students Assessment Activities

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Participation	-	10%
2	Assignment	4	10%
3	Midterm Exam	6	25%
4	Project (group presentations, individual reports)	8	15%
5	Final Exam	12	40%

Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Laudon, K. C & Laudon, J.P. (2010), Foundations of business Intelligence: Database and Information Management. Management Information Systems, Managing the Digital Firm. 11th Ed. Pearson. Bocij, P, Greasley, A & Hickie, S. (2008), Business Information Systems - Technology, Development & Management. 4th Ed. Prentice Hall. Krishna, S. & Madon, S. (2003), The Digital Challenge: Information Technology in Development, Ashgate
Supportive References	Kenneth Laudon and Jane Laudon (2019), Management Information Systems: Managing the Digital Firm, 16th Edition, Pearson. Stephen Haag and Maeve Cummings (2013), Management Information Systems for the Information Age, 9th Edition, McGraw-Hill Irwin.
Electronic Materials	eLearning Platform: Blackboard (via UQU Academic Services)

	External resources for students to learn and apply practical knowledge on applications such as MS Access and MS Excel: • https://youtu.be/xUM-GvJwTrw • https://youtu.be/1IA4SeajZRw
Other Learning Materials	Digital learning tools, videos and websites related to course topics, educational programs, and applications.

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classroom, lab
Technology equipment (projector, smart board, software)	Data Show, Smart Board , , software
Other equipment (depending on the nature of the specialty)	None

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Chair, Students, External Stakeholders Department and quality committee	Open discussions with the students Anonymous surveys
Effectiveness of students assessment	Chair, Students, External Stakeholders Department and quality committee	Checking marking by the students themselves if it's possible Using the help of other members in reviewing the assignments/exams
Quality of learning resources	Chair, Students, External Stakeholders Department and quality committee	Review of course portfolios Instructor assessment by students
The extent to which CLOs have been achieved	Chair, Students, External Stakeholders Department and quality committee	Course specifications are periodically reviewed at the departmental level.

Assessment Areas/Issues	Assessor	Assessment Methods
		Courses are updated periodically and compared to the benchmark standards.
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval Data

COUNCIL /COMMITTEE	BA DEPARTMENT
REFERENCE NO.	
DATE	28/01/2023