



# Course Specification

## (Bachelor)

**Course Title:** Management Information Systems

**Course Code:** APFT1508

**Program:** Fintech

**Department:** Diplomas

**College:** Applied College

**Institution:** Umm Al-Qura University

**Version:** 1

**Last Revision Date:** 16 Apr 2025



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## A. General information about the course:

### 1. Course Identification

1. Credit hours: ( 3 hours )

#### 2. Course type

- A. ☐ University ☒ College ☐ Department ☐ Track ☐ Others
- B. ☒ Required ☐ Elective

3. Level/year at which this course is offered: ( Level 2- Year 1)

#### 4. Course General Description:

This course provides the comprehensive overview of information systems used by business firms today while drawing connections between MIS and business performance. It describes how well-known companies use IT to solve problems and achieve business objectives. The course also examines how each stage of IS development aligns with and supports current or evolving business processes, laying the groundwork for effective decision-making and innovation. The course examines how organizations plan, develop, and implement information systems to take advantage of recent technological advances in information technology.

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

NA

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

NA

#### 7. Course Main Objective(s):

This course aims to show students how businesses use information systems and technology to accomplish their goals, objectives, and competitive strategy. The knowledge acquired is intended to help students get ahead of the IS curve, and keep them informed of the growing list of obsolete jobs.

### 2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	45	100%
2	E-learning		
3	Hybrid <ul style="list-style-type: none"> <li>Traditional classroom</li> <li>E-learning</li> </ul>		
4	Distance learning		



### 3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	43
2.	Laboratory/Studio	
3.	Field	
4.	Tutorial	
5.	Others (Mid-term)	2
Total		45

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

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Define MIS and describe the important organizational resources within it.	K1	Presentation, discussion, digital learning material, and group/class activities.	Exams, and class engagement
1.2	Define information technology (IT) and describe the role of its main components.	K1	Presentation, discussion, digital learning material, and group/class activities.	Exams, assignments, and class engagement
1.3	Define the most common management information systems used to gain a competitive advantage, and describe their strategic and competitive opportunities.	K3	Presentation, discussion, digital learning material, and group/class activities.	Exams, assignments, and class engagement
2.0	Skills			
2.1	Carry out basic queries and tasks using database management systems such as MS Access.	S1	Presentation, discussion, digital learning material, and group/class activities.	Exams, assignments, and class engagement

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
2.2	Apply both theoretical and practical knowledge into real-world training and work environments in accordance with appropriate IS management practices.	S1	Presentation, discussion, digital learning material, and group/class activities.	Exams, assignments, and class engagement
2.3	Process information to analyze causes of problems, and find preventive measures and solutions related to different business situations.	S3	Presentation, discussion, digital learning material, and group/class activities.	Exams, assignments, and class engagement
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate values of integrity and ethical behavior.	V1	Group discussion and assignments	Assignments and class engagement
3.2	Work effectively in a group.	V2	Lecture, group discussion and assignments	Assignments and class engagement

### C. Course Content

No	List of Topics	Contact Hours
1.	Introduction to MIS	6
2.	Collaboration Information Systems	6
3.	IS Competitive Advantage: SCM, CRM, and Social Media	3
4.	IS Competitive Advantage: ERP Enterprise Systems	3
5.	Hardware and Software	3
6.	Databases and Data Warehouses	6
7.	Analytics and Decision Support	3
8.	Systems Development - Phases, Tools and Techniques	6
9.	Information Security Management	3
10.	Emerging Topics in MIS	6
Total		45

## D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Homework, group project and presentation	Week 2- 14	20%
2.	Class participation	Week 1-15	10%
3.	Mid-Term	Week 8	20%
4.	Quizzes	Week 3-12	10%
5.	Final Exam	Week 16	40%

\*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

## E. Learning Resources and Facilities

### 1. References and Learning Resources

Essential References	Kenneth Laudon and Jane Laudon. (2020), Management Information Systems: Managing the Digital Firm, 16th Edition, Pearson.
Supportive References	-Stephen Haag and Maeve Cummings (2013), Management Information Systems for the Information Age, 9th Edition, McGraw-Hill Irwin. -Experiencing MIS, 9th Ed , David M. Kroenke. ISBN-13: 9780136510239
Electronic Materials	E-Learning 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: • <a href="https://youtu.be/xUM-GvJwTrw">https://youtu.be/xUM-GvJwTrw</a> • <a href="https://youtu.be/1IA4SeajZRw">https://youtu.be/1IA4SeajZRw</a>
Other Learning Materials	Digital learning tools, videos and websites related to course topics, educational programs, and applications.

### 2. Required Facilities and equipment

Items	Resources
<b>facilities</b> (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classrooms, exhibition rooms, and simulation rooms/labs



Items	Resources
<b>Technology equipment</b> (projector, smart board, software)	Lecture room equipped with whiteboard, data show projector, computer, and internet connection.
<b>Other equipment</b> (depending on the nature of the specialty)	MS Excel, PPT presentation used in class in teaching was provided, YouTube, etc.

## 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. Courses are updated periodically and compared to the benchmark standards.
Other		

**Assessors** (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify))

**Assessment Methods** (Direct, Indirect)





## G. Specification Approval

<b>COUNCIL /COMMITTEE</b>	Umm Al-Qura University Council
<b>REFERENCE NO.</b>	851281214463/194460
<b>DATE</b>	1447/01/20

