Course Specification
— (Postgraduate)

Course Title: Management Information system and Technology	
Course Code: MGT 620	
Program: Master of Business Administration	
Department: Business Administration	
College: College of Economics and Administrative Sciences	
Institution: Imam Mohammad Ibn Saud Islamic University	
Version: 2023	
Last Revision Date: 20/8/2023	

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A. General information about the course:

1. Course Identification:

1. Credit hours: (3)

2. Course type

A.	☐University	☐College	☐Department	☐Track	
B.	■Required			☐Elective	

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

4. Course general Description:

This course provides students with an understanding of the nature, structure and function of information systems in the business domains. It looks at the relationships between Information System, Organization and Strategy. It builds a knowledge foundation in business organisation, processes and operations that are supported by information technologies and systems. In this course, students will know about the effects of information systems in creating successful and globally competitive firms. A focus on emerging technologies will help students identify actual opportunities for adding business value through IT.

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

None

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

None

7. Course Main Objective(s):

- Identify major concepts and principles underlying Information Technology decisions (foundation knowledge).
- Identify emerging technologies, business system approaches and their potential application in organizations.
- Evaluate challenges associated with technology enabled organizational productivity, system implementation and change.
- Be aware of, and critically evaluate, sample cases (real world scenarios) of technology enabled organizational change, including global and ethical perspectives;

2. Teaching Mode: (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	100%
2	E-learning		

No	Mode of Instruction	Contact Hours	Percentage
3	Hybrid • Traditional classroom • E-learning		
4	Distance learning		

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

No	Activity	Contact Hours
1.	**Lectures**	30
2.	**Laboratory/Studio**	
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	Understand the underpinning concepts of management information systems		Lectures, case studies, group discussion, article analysis	Tests, assignments,
1.2	Demonstrate knowledge of emerging IT and their use in business.		Lectures, case studies, group discussion, article analysis	Tests, assignments,
1.3	Recognize the adequate types of information and technology systems to facilitate the decision making in organizations.	K3	Lectures, case studies, group discussion, article analysis	Tests, assignments,
2.0	**Skills**			
2.1	Apply business principles, processes, and models to manage information systems in organizations		Lectures, case studies, group discussion, article analysis	Tests, assignments,
2.2	Demonstrate an ability to analyze and evaluate challenges associated with emerging IT		Lectures, case studies, group discussion, article analysis	Tests, assignments,

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
2.3	Distinguish the different IT used in firms	S3	Lectures, case studies, group discussion, article analysis	Tests, assignments,
3.0	**Values, autonomy, and responsibility**			
3.1	The student should effectively employ self-learning and personal development		Lectures, case studies, group discussion, article analysis	Discussions, presentations
3.2	The student should be able to participate in activities and duties and perform them professionally and independently, in a team spirit.	V2	Lectures, case studies, group discussion, article analysis	Discussions, presentations
3.3	The student should be responsible and demonstrate a commitment to the scientific integrity.		Lectures, case studies, group discussion, article analysis	Discussions, presentations

C. Course Content:

No	List of Topics	Contact Hours
1.	Objectives of the course and its requirements, Issues, teaching strategies, assessment	3
2.	Part I: Organizations, Management, and the Networked Enterprise	6
3.	Part II: Information Technology Infrastructure	6
4.	Part III: Key System Applications for the Digital Age	3
5.	Part IV: Building and Managing Systems	6
6.	Projects and case studies	6
Total		**30**

D. Students Assessment Activities:

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Midterm exam	5	25%
2.	Research articles analyses	All the term	20%
3.	Other assignments (case studies and reports)	All the term	15%
...	Final exam	11	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	Laudon, C. K., Laudon, J.P. (2020). Management Information System: Managing Digital Firm. 16th Edition
Supportive References	Journal articles • Information Systems Research Information and Management
Electronic Materials	• www.sciencedirect.com • http://search.proquest.com • www.Emerald.com
Other Learning Materials	• O'Brien, J. A., & Marakas, G. M. (2006). Management information systems. McGraw-Hill Irwin. • Sousa, K.J., & Oz, E. (2014). Management Information Systems 7th Edition. Cengage Learning.

2. Educational and Research Facilities and Equipment Required:

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classrooms and demonstration rooms
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	Instructor	Direct Comparison
Effectiveness of students assessment	Peer reviewer	Indirect
Quality of learning resources	Coordinator	Indirect
The extent to which CLOs have been achieved	Instructor	Direct through measuring CLO and comparing it with the target ratio.
Other	Instructor, Postgraduate committee or program leaders.	Comparing the course with similar ones in other universities

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

Assessment Methods (Direct, Indirect)

G. Specification Approval Data:

COUNCIL /COMMITTEE	Business Administration Department / Head of Department
REFERENCE NO.	Council Meeting no. 13, 06/06/2022
DATE	06/06/2022