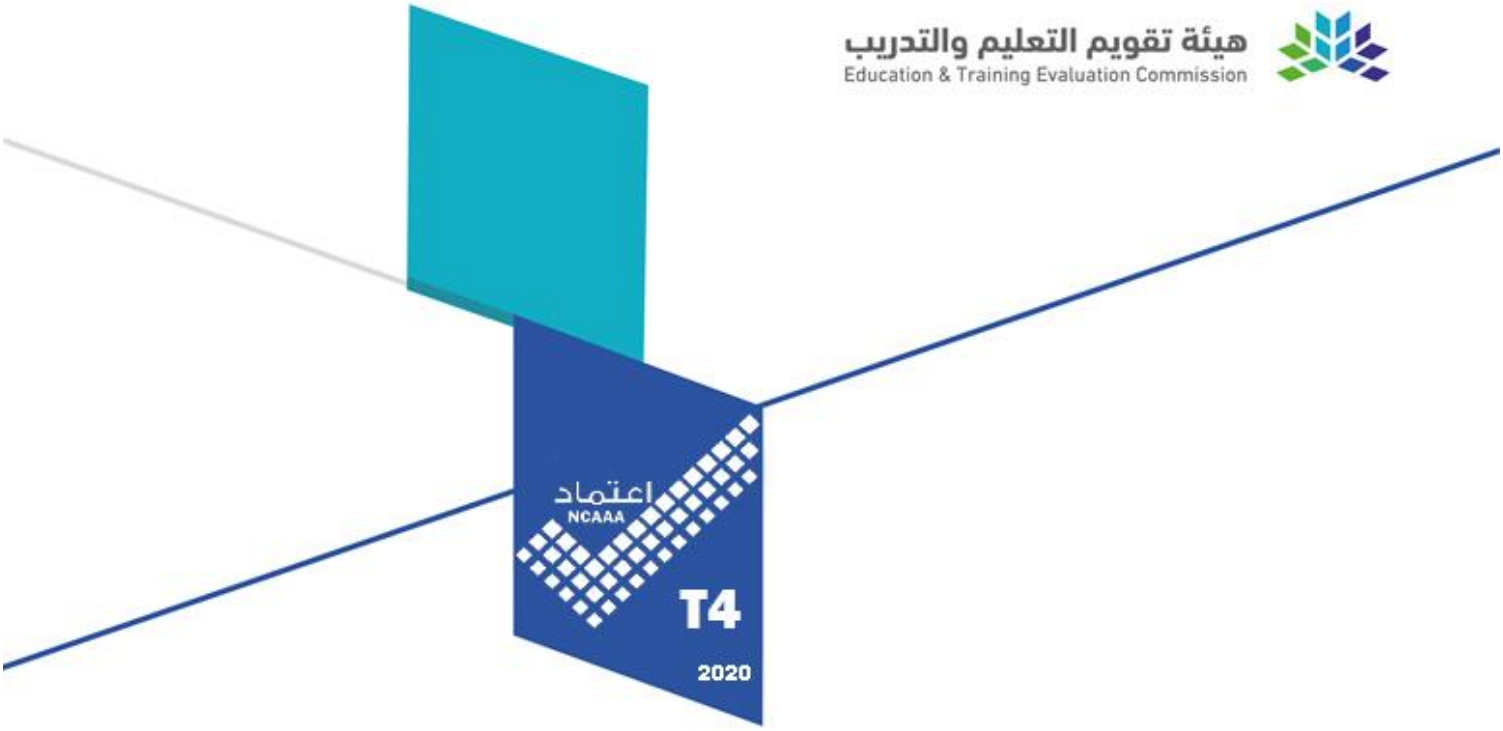
هيئة تقويم التعليم والتدريب
Education & Training Evaluation Commission



Course Specifications

Course Title:	**Database Management Systems 2**
Course Code:	**MIS10604**
Program:	**Management Information Systems**
Department:	**Management Information Systems**
College:	**College of Business Administration**
Institution:	**Albaha university**

Table of Contents

A. Course Identification

1. Credit hours:
2. Course type **a.** University ☐ College ☐ Department ☒ Others ☐ **b.** Required ☒ Elective ☐
3. Level/year at which this course is offered: Level 6/Year 3
4. Pre-requisites for this course (if any)**:** DBMS 1 (MIS10503)
5. Co-requisites for this course (if any)**:**

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	**Traditional classroom**	30	%67
2	**Blended**		
3	**E-learning**	15	%33
4	**Distance learning**		
5	**Other**		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	**Lecture**	30
2	**Laboratory/Studio**	-
3	**Tutorial**	15
4	**Others** (specify)	-
	Total	45

B. Course Objectives and Learning Outcomes

1. Course Description In this course we explore how this importance of storage and file structure. The module begins with a general description of storage and file structure. Distributed Database are discussed in detail. Finally, XML, advanced Transaction Processing
2. Course Main Objective The main purpose of this course is to develop the ability to design and construct databases systems. Use of Virtual Learning Environment (VLE) - Use of Web-based references - Increased use of IT - Revision of course contents and objectives in 4 years' time

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	**Knowledge and Understanding**	
1.1	Describe the Storage and File Structure.	K1
1.2	Recognize Distributed Database and Advanced Transaction Processing.	K2
1.3	Recall concepts XML and Microsoft SQL Server.	K3
2	**Skills :**	
2.1	Appraise Storage and File Structure.	S1
2.2	Develop Distributed Database and Advanced Transaction Processing	S3
2.3	Work in a group and learn time management.	S5
3	**Values:**	
3.1	Learn how to search for information through library and internet.	V1

C. Course Content

No	List of Topics	Contact Hours
1	Storage and File Structure	9
2	Distributed Database	9
3	XML	9
4	Advanced Transaction Processing	9
5	Microsoft SQL Server	9
Total		45

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding**		
1.1	Describe the Storage and File Structure.	• Presentations • Lecturing • Teamwork • Lab exercises	• Homework. • Group Discussion • Mid & Final exams
1.2	Recognize Distributed Database and Advanced Transaction Processing.	• Presentations • Lecturing • Teamwork • Lab exercises	• Homework. • Group Discussion • Mid & Final exams
1.3	Recall concepts XML and Microsoft SQL Server.	• Presentations • Lecturing • Teamwork • Lab exercises	• Homework. • Group Discussion • Mid & Final exams
2.0	**Skills**		
2.1	Appraise Storage and File Structure.	• Problem solving • Class discussion • presentation • Individual meeting with the instructor	• Class Participation • Presentation • Essay Question • Research

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.2	Develop Distributed Database and Advanced Transaction Processing	• Problem solving • Class discussion • presentation • Individual meeting with the instructor	• Class Participation • Presentation • Essay Question • Research
2.3	Work in a group and learn time management.	• Discussion with students • Making students aware about time management in completing their assignments. • Counsel students how to make a good presentation in data mining. • Encourage students to help each other.	• Respecting deadlines. • Showing active class participation. • Helping other students to understand tasks in the class. • Giving clear and logical arguments • Performing seriously on midterms and final exams
3.0	**Values**		
		•	•
3.2	Learn how to search for information through library and internet.	• Discussion with students • Making students aware about time management in completing their assignments. • Counsel students how to make a good presentation in data mining. • Encourage students to help each other.	• Respecting deadlines. • Showing active class participation. • Helping other students to understand tasks in the class. • Giving clear and logical arguments • Performing seriously on midterms and final exams

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quizzes	1-14	10 %
2	Presentations	1-14	5 %
3	Assignments & Discussions	1-14	5 %
4	Mid Term Examination	8-9	30 %
5	Final Examination	15-16	50 %

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

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice : Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice. (include amount of time teaching staff are expected to be available each week) Instructor will be available for student consultation and academic advice on weekdays during their office hours. Additional assistance by appointment only. (9 hours per week)

F. Learning Resources and Facilities

1.Learning Resources

Required Textbooks	Title: Database System Concepts Course Specifications, September 19, 2018 Page 6 Abraham Silberschatz, Henry Korth and S. Sudarshan ISBN: 978-0073523323 Copyright: 2010 Format: Cloth; 769 pp Published: Sixth Edition
Essential References Materials	(Journals, Reports, etc.) The International Journal of Database Management Systems The Intelligent information systems The Intelligent database systems
Electronic Materials	Web Sites, Facebook, Twitter, etc. http://en.wikipedia.org/wiki/Database_System_Concepts http://www.webopedia.com/TERM/D/database_management_system_DBMS.html http://www.techopedia.com/definition/24361/database-management-systems-dbms
Other Learning Materials	Microsoft Office Internet Explorer 6.0 or later. Windows XP with Service Pack (SP2), Windows Server 2003 with SP1 or Vista operating system Macromedia Flash Player 7 or higher QuickTime Adobe Acrobat Reader 5 or later Flash Player Flash Drive Microsoft Excel

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.) Lecture rooms are well equipped with: • Air conditioned with at least 20 adequate seats. • Interactive/smart Board.

Item	Resources
	• Up-to-date projector. An Auditorium is well equipped with: • Air conditioned with at least 100 adequate seats. • Interactive/smart Board. Up-to-date projector.
Technology Resources (AV, data show, Smart Board, software, etc.)	Technology resources (AV, data show, Smart Board, software, etc.) • Personal computer with necessary up-to-date software. • Interactive Board. Laptop
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	• Colored Printer (needed). • Central laser-Printer, and Scanner. • Wall Boards (are essentially needed.). • Internet connection should be available in the classroom. Library: Up to date scientific books, in the library. Wi-Fi and internet connections are available inside the teaching staff rooms, and the seminar room.

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Strategies for Obtaining Student Feedback on Effectiveness of Teaching • Course Evaluation Surveys • Students-Faculty Meetings Students Assessment of Faculty Members Survey	Students	Direct
Other Strategies for Evaluation of Teaching by the Instructor or by the Department • Discussions between staff members teaching the course • Internal review of the course at a departmental level External reviewers	Faculty	Direct
Processes for Improvement of Teaching • Course evaluation reports • Student assessment of faculty reports Faculty's on-going training through self/department/faculty and/or University initiated workshops and development programs	Faculty	Direct
Processes for Verifying Standards of Student Achievement Marking of assignments and exam submissions are revised by independent teaching staff from within the department and/or other departments within the college	Students	Indirect
Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement. A course report is developed and reviewed periodically at	Program Leaders	Direct

Evaluation Areas/Issues	Evaluators	Evaluation Methods
the end of the semester. The report includes exam results, assignments results and surveys feedback from students, which will reflect course and teaching effectiveness.		

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Minutes of the Council of Management Information Systems Department
Reference No.	3
Date	8.12.2021