

1. Course Name:	
Distributed Data Base	
2. Course Code:	
3. Semester / Year:	
Semester	
4. Description Preparation Date:	
28-11-2025	
5. Available Attendance Forms:	
Weekly (Theory: 2 hours, Practically: 2 hours)	
6. Number of Credit Hours (Total) / Number of Units (Total)	
Theory: 30 Hours Practically: 30 hours Total: 60 hours Total Units: 6	
7. Course administrator's name (mention all, if more than one name)	
Name: MSC. (Lec.) Nada Abdulkareem Hameed Marouf Email: nada.abdulkarim@muc.edu.iq	
8. Course Objectives	
Course Objectiv	1. Learn about programming languages for analysis and design system. 2. Knowledge of system design and styling 3. Knowledge of programming using SQL, ORACLE, & Foxpro. 4. To equip students with the scientific and practical skills necessary to work with devices. 5- To teach students how to configure and analysis system to make easy to design program . 6- Learn students for protecting data from unauthorized access, maintain its integrity and availability, and preventing it from leaving organization. This extends to many aspects of a user's day-to-day backup routine for same data and prevent data from lost.
9. Teaching and Learning Strategies	
Strategy	1. Delivering theoretical & practical lectures on mi curriculum. 2. Employing discussion and question-and-answer sessions in the classroom foster dialogue. 3. Assigning homework, program writing, and discussion to students 4. Writing reports on scientific topics related to DDB.

	5. Daily assessment, weekly assessment, term assessment, objective questions, general knowledge questions, and practical exams.
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6. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	Th.:2 Pr.: 2	Introduction to DDB	Introduction to distributed data base	Lect. & Lab.	Exam
2	Th.:2 Pr.: 2	Student know About function of DBMS,DB facilities, Limitations, advantages, disadvantages.	Introduction to SQL language	Lect. & Lab.	Quiz
3	Th.:2 Pr.: 2	Multilevel DB architecture.	Multilevel data base architecture	Lect. & Lab.	Homework
4	Th.:2 Pr.: 2	Aspect of DDB & applications	Aspect of distributed data base	Lect. & Lab.	Exam
5	Th.:2 Pr.: 2	Advantages, disadvantages , components of DDB	Components of Distributed Data Base.	Lect. & Lab.	Quiz
6	Th.:2 Pr.: 2	Architecture of DDB	Architecture of distributed data base	Lect. & Lab.	Homework
7	Th.:2 Pr.: 2		Mid-term Exam	Lect. & Lab.	Exam
8	Th.:2H Pr.: 2H	Prosperities & integrity constraints of DDB	Properties of distributed data base	Lect. & Lab.	Quiz
9	Th.:2H Pr.: 2H	Features of DDB verses Centralized DB	Properties of distributed data base	Lect. & Lab.	Homework
10	Th.:2H Pr.: 2H	Review	Review instructions and Tutorial	Lect. & Lab.	Exam
11	Th.:2H Pr.: 2H	Services of DDBMS.	SQL Instruction how to Manipulate DB	Lect. & Lab.	Quiz
12	Th.:2H Pr.: 2H	A frame work for DDB Design.	Objective of the design of data.	Lect. & Lab.	Homework
13	Th.:2H Pr.: 2H	Top down & bottom up approach	Objective of the design of data	Lect. & Lab.	Exam
14	Th.:2H Pr.: 2H	Design of data fragmentation	The design of data distribution	Lect. & Lab.	Quiz
15	Th.:2H	Preparatory	Preparatory week before the final exam	Lect. & Lab.	Homework

	Pr.: 2H				
7. Course Evaluation					
The grade distribution is as follows: Assessment: Formative 40 marks, Monthly exam 10 marks Final exam: Theory 40 marks, Practical 10 marks					
8. Learning and Teaching Resources					
Required textbooks (curricular books any)					
Main references (sources)		An Introduction to distributed data base Architecture, Programming and Applications.			
Recommended books and references (scientific journals, reports...)		1. Stefano Geri and Giuseppe Pelagatti (1984), Distributed Data Bases Principles and Systems, Mc-Graw Hill. 2. David Benyon (1997), Information and Data Modeling, 2nd edition, McGraw – Hill. 3. C.J.Date (1990), An Introduction to Data Base Systems, Addison-Wesley publishing Company, Inc.			
Electronic References, Websites		//www.DistributesDataB/file/			

Course Description Form

