



# Course Weekly Outline

**Course Name: Distributed Data Base Management Systems**

<b>Course Instructor</b>	Eman Turki Mahdi				
<b>E-mail</b>	maymoonat@uoanbar.edu.iq				
<b>Title</b>	Distributed Data Base Management Systems				
<b>Course Coordinator</b>					
<b>Course Objective</b>					
<b>Course Description</b>					
<b>Textbook</b>					
<b>References</b>	M. T. Özsu, P. Valduriez, Principles of Distributed Database Systems, Fourth Edition. Carlos Coronel, Steven Morris, DATABASE SYSTEMS Design, Implementation, and Management 13 Edition.				
<b>Course Assessments</b>	Term Tests	Laboratory	Quizzes	Project	Final Exam
<b>General Notes</b>	-				



Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1	1 <sup>st</sup> week	Introduction to DDB, The function of DDBMS. -		
2	2 <sup>nd</sup> week	DBA's responsibilities. DDB facilities. DDB limitations. Advantage of DDB and DDB.		
3	3 <sup>rd</sup> week	Architecture of DDB, and DDBMS Components		
4	4 <sup>th</sup> week	Overview of DDB. and DDBMS		
5	5 <sup>th</sup> week	Levels of Data and Process Distribution		
6	6 <sup>th</sup> week	DDB integrity		
7	7 <sup>th</sup> week	Distributed Database Transparency Features		
8	8 <sup>th</sup> week	Exam		
9	9 <sup>th</sup> week	Query cases		
10	10 <sup>th</sup> week	Transaction Transparency		
11	11 <sup>th</sup> week	The DO-UNDO-REDO protocol		
12	12 <sup>th</sup> week	Distributed Database Design		
13	13 <sup>th</sup> week	Data replication and Allocation		
14	14 <sup>th</sup> week	Data Recovery		
15	15 <sup>th</sup> week	Exam		

### Course Weekly Outline

**Instructor Signature:**  
**Eman T. Mahdi**

**Dean Signature:**