## Republic of Iraq

بسم الله الرحمن الرحيم

The Ministry of Higher Education & Scientific Research



University:Diyala **College: Science** 

**Department: Computer Sc.** 

**Stage: First** 

**Lecturer name: Jamal Mustafa** 

**Qualification:** Lecturer

Place of Work: Diyala universityCollege: Science college

Flow up of implementation cell pass play

Course Instructor	Dr. Jamal Mustafa Abbas					
E-mail	AL_twaijry@yahoo.com					
Title	Discrete structures I					
Course Coordinator						
Course Objective	Teach Set Theory, Mathematical Induction, Relations and Functions, Mathematical Logic					
Course Description						
Textbook	1 –Discrete Mathematical Structures With Applications to Computer Science by TremBlay Manohar 1975 . 2 –Introduction to Discrete by Perpetrate and Yeh1973 .					
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam	
	As(40%)	-	As(10%)	-	As (50%)	
General Notes						

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## **Course Weekly Outline**

Week	Date	<b>Topics Covered</b>	Lab. Experiment Assignments	Notes
1	1/10/2014	Set Theory		
2	8/10/2014	Set Theory		
3	15/10/2014	Set Theory		
4	22/10/2014	Set Theory		
5	29/10/2014	Mathematical Induction		
6	5/11/2014	<b>Mathematical Induction</b>		
7	12/11/2014	Relations and Functions		
8	19/11/2014	Relations and Functions		
9	26/11/2014	Relations and Functions		
10	3/12/2014	Relations and Functions		
11	10/12/2014	Mathematical Logic		
12	17/12/2014	Mathematical Logic		
13	24/12/2014	Review		
14	31/12/2014	Review		
15	7/1/2015	Exam		
16	28/1/2015	Set Theory		

Instructor Signature: Dean Signature: