



Flow up of implementation cell pass play

Course Instructor	Ass. Lecturer Ali Abdul Rahman				
E-mail	ali_bsc2000@yahoo.com				
Title	Algorithms Design and Analysis				
Course Coordinator					
Course Objective	Algorithms, the types of data structures, it's algorithms like Linear data structures and Non-Linear data structures, Sorting and searching algorithms				
Course Description					
Textbook	"Algorithms Design" , Jean-Paul Tremblay Paul G. Sorenson				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(30%)	As(20%)		-	As (50%)
General Notes					

Republic of Iraq

بسم الله الرحمن الرحيم

University: Diyala

College: Science

Department: Computer Sc.

Stage: Second

Lecturer name: Ali Abdulrhman

Qualification: Ass. Lecturer

Place of Work: Diyala

university College: Science college

The Ministry of Higher Education &
Scientific Research



Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1	28/1/2015	Design and analysis of basic classes of algorithms		
2	4/2/2015	Divide and conquer		
3	11/2/2015	greedy methods		
4	18/2/2015	tree and graph traversals		
5	25/2/2015	backtracking.		
6	3/3/2015	sorting		
7	10/3/2015	sorting		
8	17/3/2015	sorting		
9	24/3/2015	searching		
10	31/3/2015	searching		
11	7/4/2015	searching		
12	14/4/2015	traveling salesperson Problem		
13	28/4/2015	Knapsack Problem		
14	5/5/2015	Theory of complexity		
15	12/5/2015	Complexity of Problems		

Instructor Signature:

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