



# Course Weekly Outline

**Course Name: Algorithms**

<b>Course Instructor</b>					
<b>E-mail</b>					
<b>Title</b>					
<b>Course Coordinator</b>					
<b>Course Objective</b>					
<b>Course Description</b>					
<b>Textbook</b>					
<b>References</b>	Introduction to Algorithms Second Edition				
<b>Course Assessments</b>	TermTests	Laboratory	Quizzes	Project	Final Exam
<b>General Notes</b>					



### Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		Basic Concepts in Algorithmic Analysis		
2		Introduction to Algorithm		
3		The Big-O Notation		
4		Linear Search Problem		
5		Binary Search Problem		
6		Sorting & Searching , Goal of Sorting , Sorting Steps		
7		•Bubble Sort		
8		Quick Sort, Merge Sort		
9		حل اسئلة ومشاكل متعلقة بالفصل		
10		Insertion Sort		
11		Selection Sort		
12		Graph Algorithms		
13		Searching Graphs		
14		Depth search		
15		first search-		

**Instructor Signature:**

**Dean Signature:**