



# Course Weekly Outline

**Course Name: Data Structure**

<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>					



Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		Define data structure , syllabus , Resources		
2		Introduction , Data structure , Type of data structure ,Selection of data structure		
3		Array , Representation of one dimensional array , Representation of two dimensional array		
4		EXAM		
5		Linear list , Type of linear list , Stack, Array representation of stack		
6		Record representation of stack, Stack's Application		
7		Queue, Array representation of queue, Queue's algorithms		
8		Queue's Subprograms, Record Representation of Queue, Queue's Applications		
9		(Circular Queue(CQ		
10		حل بعض اسئلة ومشاكل متعلقة بالفصل		
11		linked structures, storage allocation, sequential storage allocation, dynamic storage allocation		
12		(Pointers, linked list(I		
13		linked stack, linked queue		
14		circular linked list, double linked list		
15		EXAM		

**Instructor Signature:**

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