

## Teaching Scheme for the Department of Network Engineering

1<sup>st</sup> Year

First semester					
Serial	Subject	Theoretical	Practical	Sum	%
Technical and Theoretical Subjects ( Maximum 40 % )					
1-	Computational Maths	4	2	6	40%
2-	Foreign Language (1)	4	-	4	
	National Culture	2	-	2	
Practical Subjects ( minimum 60% )					
3-	Introduction to Computer and Algorithms	2	2	4	60%
4-	Logic Circuits	2	2	4	
5-	Basics of Electrical and Electronic Engineering	4	2	6	
6-	Operating Systems	2	2	4	
Sum		20	10	30	

Second semester					
Serial	Subject	Theoretical	Practical	Sum	%
Technical and Theoretical Subjects ( Maximum 40 % )					
1-	Arabic Language	2	-	2	40%
2-	Foreign language (2)	4	-	4	
3-	Digital Communication Systems	2	4	6	
Practical Subjects ( minimum 60% )					
4-	Programming (2)	2	4	6	60%
5-	Computer Structure & Organization	2	4	6	
6-	Basics of Networks	2	4	6	
Sum		14	16	30	

2<sup>nd</sup> Year

First semester					
Serial	Subject	Theoretical	Practical	Sum	%
Technical and Theoretical Subjects ( Maximum 40 % )					
1-	Foreign Language (3)	4	-	4	31 %
2-	Database	2	4	6	
Practical Subjects ( minimum 60% )					
3-	Network Protocols	2	2	4	69%
4-	Networks Design	2	2	4	
5-	Programming (2)	2	4	6	
6-	Senior Project	-	4	4	
7-	Operating Systems (1)	2	2	4	
Sum		14	18	32	

Second semester					
Serial	Subject	Theoretical	Practical	Sum	%
Technical and Theoretical Subjects ( Maximum 40 % )					
1-	Internet Strategies	2	4	6	36%
2-	Networks Security	2	2	4	
Practical Subjects ( minimum 60% )					
3-	Systems and Applications	2	2	4	64%
4-	Network Operating Systems (2)	2	2	4	
5-	Networks Management	2	4	6	
6-	Senior Project	-	4	4	
Sum		10	18	28	