



## Course Weekly Outline

<b>Course Instructor</b>	Ekhlas Khalaf Gbashi				
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<b>Title</b>	Communications				
<b>Course Coordinator</b>	Fundamentals of Data communication, Characteristics of data communications, digital and analog signals transmission Circuit-switched networks, virtual circuit networks				
<b>Course Objective</b>	Explain the basic fundamentals of data communications and transmission of digital and analog signals and try to give students an idea about addressing, datalink control and internet, and datagrams networks.				
<b>Course Description</b>	Fundamentals of Data communication, Characteristics of data communications, digital and analog signals transmission Circuit-switched networks, virtual circuit networks				
<b>Textbook</b>	Computer Networks", 3rd Edition, A. Tannenbaum, Prentice-Hall, 1996.				
<b>References</b>	1. "Data communication and networking", Behrouz A. Forouzan,				
<b>Course Assessment</b>	Term Tests	Laboratory	Quizzes	Project	Final Exam
	(25%)		(5%)	----	(70%)
<b>General Notes</b>	Type here general notes regarding the course				



University:  
College:  
Department:  
Stage:  
Lecturer name:  
Academic Status:  
Qualification:  
Place of work:

## Course weekly Outline

week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1	13/10/2014	Fundamentals of Data communication, Characteristics of data communication		
2	20/10/2014	Data and Signal fundamentals		
3	27/10/2014	Analog Signals, Digital Signals		
4	3/11/2014			
5	13/11/2014			
6	20/11/2014	Digital Transmission and Analog Transmission		
7	27/11/2014	Digital-to-Digital Conversion		
8	4/12/2014	Analog-to-Digital Conversion		
9	11/12/2014			
10	18/12/2014	Digital-to-Analog Conversion		
11	20/12/2014	Transmission Modes		
12	25/12/2014	Digital-to-Analog Conversion		
13				
14				
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16				
Half-year Break				
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**Instructor Signature:**

**Dean Signature:**