

Republic of Iraq

The Ministry Of Higher Education
& Scientific Research

بسم الله الرحمن الرحيم



University: kufa

College: Engineering

Department: Electrical

Stage: First

Lecturer name: Husam abdulhusein

Qualification: MSc in Electronic

Place of work: Engineering College

Flow up of implementation celli pass play

Course Instructor	Husam abdulhusein wahhab				
E-mail	Husama.aldujaili@uokufa.edu.iq				
Title	Basic of electrical engineering				
Course Coordinator	Annual				
Course Objective	Understanding the basic of electrical circuits, analysis of D.C and A.C circuits using various theories.				
Course Description	Basic concept & units, Analysis of D.C circuits, Alternating quantities, Analysis of single phase A.C circuits, Complex number & its application to A.C. circuits, Resonance, Magnetic circuit.				
Textbook	“A Textbook of Electrical Technology”, B.L. Theraja, 2005.				
References	1- “Circuit analysis: practice and theory”, Robbins and Miller, 2 nd edition. 2- “INTRODUCTORY CIRCUIT ANALYSIS”, Robert L. Boylestad, Eleventh Edition, 2007.				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	(40%)	-	(10%)	----	(50%)
General Notes	This subject is the important between the rest of electrical engineering department subjects, which gives the students the basics of electricity and circuit theory.				

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Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignmen ts	Notes
1	1st week	Basic concept & units		
2	2nd week			
3	3rd week			
4	4th week	Analysis of D.C circuits		
5	5th week			
6	6th week			
7	7th week			
8	8th week			
9	9th week	Alternating quantities		
10	10th week			
11	11th week			
12	12th week			
13	13th week			
14	14th week			
15	15th week			
16		1st term Examination		

Half – year break				
17	17th week	Analysis of single phase A.C circuits		
18	18th week			
19	19th week			
20	20th week			
21	21st week	Complex number & its application to a.c. circuits		
22	22nd week			
23	23rd week			
24	24th week	Resonance		
25	25th week			
26	26th week			
27	27th week	Magnetic circuit		
28	28th week			
29	29th week			
30	30th week			
31	31th week			

INSTRUCTOR Signature:

Husam abdulhusein wahhab

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