

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq  
The Ministry Of Higher  
Education  
& Scientific Research



University :Baghdad  
College: Science for Women  
Department: chemistry  
Lecturer name: Dr. Soaad Ghafori  
Qualification: : PhD in physics  
Place of work: College of Science for  
Women

## Syllabus Form

Instructor Name	Dr. Soaad Ghafori				
E-mail					
Course Title	Physics				
Course Coordinator	The course aim to teach the students the Electricity and Material properties.				
Course Objectives	Coulomb's law, electric field, capacitors, ohm's law, Resistors, A-C Current.				
Course Description	Fundamental of Magnetism and electricity Physics for science and engineering students.				
Textbook	Fundamental of Magnetism and electricity Physics for science and engineering students.				
References					
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(35%)	As(15%)	As(10%)	-	As(60%)
General Notes	Type here general notes regarding the course				

Republic of Iraq  
The Ministry Of Higher Education  
& Scientific Research



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

## Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	20/9/2015	Introduction		
2	27/9/2015	Charge and matter		
3	4/10/2015	Conductucts and insulators		
4	11/10/2015	Coulomb's law		
5	18/10/2015	Electric field		
6	25/10/2015	Flux of the electric field		
7	1/11/2015	Gauss law		
8	8/11/2015	Electric potential		
9	15/11/2015	Capacitors		
10	22/11/2015	Combination of capacitors		
11	29/11/2015	Ohm's law		
12	6/12/2015	Combination of resistance		
13	13/12/2016	Conductivity and resistant		
14	20/12/2016	Magnetic field		
15	27/12/2016	Holl effect		
16	3/1/2016	Exam		
<b>Half – year break</b>				
17				
18				
19				
20				
21				

22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

**Instructor Signature:**

**Dean Signature:**