

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq
The Ministry Of Higher
Education
& Scientific Research



University: Baghdad
College: science for woman
Department: Chemistry
Stage: second
Lecturer name: Dr. Naser D. Shaalan
Qualification: Ph.D. in Inorganic
Chemistry
Place of work: College science for

Syllabus Form

Instructor Name	Dr. Naser D. Shaalan				
E-mail	Ndsh3@yahoo.com				
Course Title	Inorganic Chemistry				
Course Coordinator	Studying of periodic Table properties				
Course Objectives	Chemistry of Periodic Table				
Course Description	Studying of some periodic properties of atoms, isotopes, Acids, Bases, Salt, Hybridization, Symmetry, and Main group elements.				
Textbook	Advance Inorganic Chemistry Volume(I,II) (2010), Sataya prakash, G.D.Tuli				
References	Concise Inorganic Chemistry, by: JOD.Lee (2003). Inorganic Chemistry ,james E.Huheey(1983)				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As (20%)	As (14%)	As (6%)	-----	As (60%)
General Notes	The course is covering two semesters among the year				

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Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	5/10/2015	Periodic table ; periods & groups	Acid, bases, and salts	
2	12/10/2015	Some periodic of atoms	Purification of NaCl	
3	8/10/2015	Isotopes, Actual atomic wt.	Preparation of BaO ₂	
4	19/10/2015	Oxides	Reactions of Barium peroxide	
5	26/10/2015	Acids , Bases and salts	Preparation of Barium chloride Dihydrate (BaCl ₂ .2H ₂ O)	
6	2/11/2015	Acids , Bases and salts	Determination the ratio of iodine in the potassium periodate	
7	9/11/2015	Hybridization	Preparation of K ₂ Cr ₂ O ₇	
8	16/11/2015	Hybridization	Preparation of KIO ₄	
9	23/11/2015	First Exam	preparation of sodium thiosulfate penta hydrate	
10	30/11/2015	Symmetry	Study some reactions of sodium thiosulfate penta hydrate	
11	7/12/2015	Symmetry	Study some properties of potassium dichromate	
12	14/12/2015	Symmetry		
13	21/12/2015	Main group elements		
14	28/12/2015	Main group elements		
15	4/1/2016	Second Exam		
16	4/2/2016	Final Exam		
Half – year break				
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Instructor Signature:

Dean Signature: