

Republic of Iraq
The Ministry Of Higher
Education
& Scientific Research

سم الله الرحمن الرحيم



University: University of Baghdad
College: College of Science for
Women
Department: Department of
chemistry
Stage: 2nd year
Lecturer name: Dr. Hameed M.
Mohammad Alkubaisi
Qualification: PhD. In organic
Chemistry
Place of work: College of Science
for Women

Syllabus Form

Course Instructor	Dr. Hameed M. Mohammad Alkubaisi				
E-mail	Dr.hameedalkubaisi@gmail.com				
Title	Organic Chemistry				
Course Coordinator					
Course Objective	Alky Halides , Alcohols and Ethers, Aromatic Compounds , such as benzene , Arenes as wellas				
Course Description	The course description all reactions , preparation and physical properties of all aromatic compounds				
Textbook	Organic Chemistry by Robert merrison				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As (30%)	As (10%)	-----	-----	As (60%)
General Notes					

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University: University of Baghdad

College: College of Science for Women

Department:

Department of chemistry

Stage: First year

Lecturer name: Dr. Hameed M. Mohammad Alkubaisi

Qualification: PhD in analytical chemistry

Place of work: College of Science for Women

Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

Half – year break

17	1 st week	Alkyl Halides homolytic and hetrolytic chemistry	Sodium Fusion	
18	2 nd week	Structure , classification , nomenclature , physical properties		
19	3 rd week	Reactions of alkyl halides	Unknown	
20	4 th week	Nucleophilic substitution, The SN1 and SN2 reaction , mechanism	Preparation of methane gas	
21	5 th week	Elimination (E1+ E2) and Exam1	Alkohole	
22	6 th week	Alcohols , structure of Introduction alcohols , physical properties	Test of Alkohole	
23	7 th week	Preparation and reaction of alcohols, oxidation of alcohols	Alkyl halides	
24	8 th week	Ethers , structure and nomeucture , physical properties of ethers	Preparation of tertiary alkyl halides	
25	9 th week	Exam2 Aromaticity , benzene structure , Reactions	Exam	
26	10 th week	The huckel Rule and effect of substituent groups	Aldehydes and ketones	
27	11 th week	Mechanism of nitration , sulfonationhalogenations , alkylation	Test of Aldehydes and ketones	
28	12 th week	Theory of orientation	Hydrocarbons-Aromatic	
29	13 th week	Exam 3	Preparation of nitro benzene	
30			Exam	

Instructor Signature:

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