

Republic of Iraq
The Ministry Of Higher Education
& Scientific Research

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

University: Diyala
College: Engineering
Department: Chemical
Stage: First
Lecturer name: Huda A. Abdul-Kader
Qualification: M.Sc.
Place of work: Diyala University



Flow up of implementation celli pass play

Course Instructor	Huda A. Abdul-Kader				
E-mail	hudaaamer2010@yahoo.com				
Title	Organic Chemistry				
Course Coordinator	Annually				
Course Objective	This course is intended to serve as an introduction of petroleum and gas the principles and basics of energy balance and how to deal with energy changes.				
Course Description	<ol style="list-style-type: none"> ١. Hydrocarbons, aliphatics. ٢. Orbitals, Thermal cracking process. ٣. Special reactions: oxidation and combustion, addition. ٤. Alcohols and phenols, Ethers, Aldehydes and ketones, Carboxylic acids, esters, amino-acids, amides, Amines and some. 				
Textbook	Any text book in Organic chemistry.				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	٣٠٪	١٠٪	١٠٪	-	٥٠٪
General Notes	This subject is important to understand hydrocarbon component and production of hydrocarbon component .				

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Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
١	٢٢ and ٢٤, Sep. ٢٠١٤	Hydrocarbons components		
٢	٢٩, Sep. ٢٠١٤ ٠١, Oct. ٢٠١٤	Paraffins		
٣	٠٦ and ٨, Oct. ٢٠١٤	Olefins		
٤	١٣ and ١٥, Oct. ٢٠١٤	Aromatics		
٥	٢٠ and ٢٢, Oct. ٢٠١٤	Ethers		
٦	٢٧ and ٢٩, Oct. ٢٠١٤	Important of Hydrocarbons		
٧	٣ and ٥, Nov. ٢٠١٤	Ructions of Hydrocarbons		
٨	١٠ and ١٢, Nov. ٢٠١٤	Combustion and addition reactions		
٩	١٧ and ١٩, Nov. ٢٠١٤	Substitution and nitration reactions		
١٠	٢٤ and ٢٦, Nov. ٢٠١٤	Sulphonation and halogenation reaction		
١١	٠١ and ٣, Dec. ٢٠١٤	Production of Alcohol and phenols		
١٢	٠٨ and ١٠, Dec. ٢٠١٤	Production of Ethers		
١٣	١٥ and ١٧, Dec. ٢٠١٤	Production of Aldehydes and ketones		
١٤	٢٢ and ٢٤, Dec. ٢٠١٤	Carboxylic acids		
١٥	٢٩ and ٣١, Dec. ٢٠١٤	Amino-acids and amides		
١٦	٠٥ and ٠٧, Jun. ٢٠١٤	Amines		

Half - Year Break

17	16 and 18, Feb. 2010	Production of petroleum from hydrocarbons		
18	23 and 25, Feb. 2010	Inorganic hypothesis		
19	02 and 04, Mar. 2010	Organic hypothesis		
20	09 and 11, Mar. 2010	Gases Production from hydrocarbons		
21	23 and 25, Mar. 2010	Hydrocarbon Production		
22	01 and 06, April, 2010	Alcohol Production		
23	08 and 12, April 2010	Hydrocracking, Thermal Reforming		
24	10 and 20, April 2010	Polymerization		
25	21 and 27, April 2010	Hydrogen Treatment		
26	29, April, 2010 04, May, 2010	Isomerization		
27	06 and 11, May, 2010	Introduction and Definition of Petroleum component		
28	13 and 20, May, 2010	Chemical composition of petroleum		
30	27, May, 2010 01 and 03, June, 2010	Production Natural Gas from hydrocarbons		
31				

INSTRUCTOR Signature:

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