Republic of Iraq

The Ministry Of Higher Education

& Scientific Research

بسم الله الرحمن الرحيم

University: Diyala
College: Agriculture
Department: Soil and water resources department
Stage: first
Lecturer name: Dr. Tareq S. Abbas
Qualification: : PhD.
Place of work: Coll. Of Agriculture

Flow up of implementation celli pass play

Course Instructor	Dr. Tareq S. Abbas				
E-mail	tariq.saadi@uodiyala.edu.iq				
Title	Organic chemistry				
Course Coordinator	the first				
Course Objective	The course aims to teach students the basics and concepts of chemistry of • saturated and unsaturated aliphatic hydrocarbon compounds. It includes lessons on the chemical bonds and chemical formulas of hydrocarbon compounds. It also includes a definition of each of these compounds, its name, and its derivatives according to the international IUPAC system, as well as the physical properties of each compound and its chemical interactions with other hydrocarbon compounds				
Course Description	Teaching students the basics and concepts of chemistry of saturated and unsaturated aliphatic hydrocarbons. It includes lessons on the chemical bonds and chemical formulas of hydrocarbon compounds. It also includes a definition of each of these compounds, its name, and its derivatives according to the international IUPAC system, as well as the physical properties of each compound and its ..chemical interactions with other hydrocarbon compounds				
Textbook	1- Youssef Ali Al-Fattahi, 1989, Foundations of Organic Chemistry, a methodological book for students of the College of Agriculture and Life Sciences, University of Baghdad, House of Wisdom				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	20%	15%	5%		60%
General Notes					

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week	Date	Topics Covered	Practical Part
1		Introduction to organic chemistry and its importance	To learn about laboratory tools and equipment and how to write a report
2		(Saturated hydrocarbons (alkanes-paraffins	Measurement of melting point
3		(Unsaturated hydrocarbons (para-alkenes	Measurement of melting point
4		(Unsaturated hydrocarbons (alkynes-acetylenes	Measure the boiling point
5		It applies the IUPAC rules for naming hydrocarbon compounds. Tests for detecting hydrocarbon compounds are conducted in the laboratory	Distillation and types
6			Sublimation
7		Aliphatic and aromatic halides	recrystallization
8		Alcohols: R-OH.	
9		Ethers: R-OR	Alcohols and their disclosures
10		Aldehydes and ketones: R-C-H, R-C-R	Ethers and their discoveries
11		Carboxylic acids	Aldehydes and their detections
12		Derivatives of carboxylic acids: esters, amides, halides of carboxylic acids, anhydrides of .carboxylic acids	Ketones and their detection
13		Derivatives of carboxylic acids: esters, amides,	Esters and their disclosures

		halides of carboxylic acids, anhydrides of carboxylic acids.	
14		Amines	Preparing soap
15			