



Course Weekly Outline

Course Instructor	Hussien Aziz Mohammed				
E_mail	Dr.husen 88@gmail.com				
Title	Computer Applications 2				
Course Number	2				
Credits: Lectures Houres: Practical Hours:	Bio chimstry				
Course Objective	To learn students the effect of the Bio chimstry				
Course Description	Carbohidrat + LIPEDS				
Prequests					
Textbook References	Book of Bio chimstry				
Course Assessment	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As (40%)	15%	As (5%)	----	As (40%)
General Notes					

Republic of Iraq
The Ministry Of Higher Education
& Scientific Research

University: Diyala
College: Agriculture
Department: Soil and Water Resources
Stage: four
Lecturer name: Hussien Aziz Mohammed
Qualification: PhD
Place of work: College of Agriculture

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	20-2	Essential element		
2	27-2	Benefical element	Phosphorus Determination	
3	6-3	Hadroponic	Cations Determination	
4	13-3	Transpiration,massflow, Imbibition , Diffusion , Permeablty ,Water Potential	Osmosis in plant cells	
5	20-3	Plant nutrition and Growth	The osmotic potential of the plant groth media	
6	27-3	Absorption, Active absorption , Passive absorption	Nutritional Elements cycles in Nature	
7	3-4	Nitrate reduction	Nutrient solutions	
8	10-4	Macronutrient	Water culture , Aggregate culture , sand culture	
9	17-4	Nitrogen ,Phosphorus ,Potassium ,Sulfur , Calcium , Magnesium ,	Water potintal Determination	
10	24-4	Micronutrient	Osmosipotential Determination	
11	1-5	Iron , Manganese , Zinc , Boron , Copper , Molydenum , Chlorine	Turgor pressure Determination	
12	8-5	Foliar fertilization	Trace element Determination	
13	15-5	Trace element	Photosynthesis	
14	22-5	Water potintal ,Osmotic potential , Turgor pressure	Rate of absorbption Determination	
15	29-5	Factor influencing the availabliltiy of nutrients in soil and their absorption by plant roots	Salt or Anion Respration Determination	

Dean Signature:

Instructor Signature: