

Republic of Iraq

The Ministry of Higher
Education

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala

College: Agriculture

Department: Horticulture and
Landscape Design

Stage: first

Lecturer name: Basim about abbas

Academic Status: prof.

Qualification: PhD

Place of work: College of Agriculture

Flow up of implementation celli pass play

Course Instructor	Basim About Abbas				
E-mail	basimabbas@uodiyala.edu.iq				
Title	Plan surveying				
Course Coordinator	Autumn				
Course Objective	Learn about the methods of measuring area and the tools used in measurement				
Course Description	Knowledge of normal and photographic methods and methods of measurement Conduct some field experiments to measure				
Textbook	The foundations of the level and topography Riyad Saleh Al-Khafaf / 2000				
Course Assessments	Mid Exam	Quizzes	Assignments	Report	Final Exam
	%10	%10	%10	%20	%50
	Final grade 100%				

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week	Date	Topics Covered	Practical Part	Notes
1		Definition of Plan surveying and its importance	Measure distances in steps	
2		Survey methods	Measuring with tape and orienting with signs	
3		Types of space	Column drop experiment	
4		Measurement units	Column erection experience	
5		The English system of grandmothers	Experiment with obstacle distances	
6		The metric system of units	Experience obstacles 2	
7		Measuring distances on flat terrain	Leveling device experience	
8		Measuring horizontal distances on sloping terrain	Settlement device accounts	
9		Columns to measure areas	Arithmetic applications	
10		Obstacles and their types	Arithmetic applications	
11		Settlement and its importance in agriculture	Arithmetic applications	
12		Types of leveling devices	Arithmetic applications	
13		Topographic survey	Collect field data	
14		Scanning with flat plate	Arithmetic applications	
15		Areas and volumes	Calculations of areas and volumes	

Teacher's signature
Prof. Dr. Basim About Abbas
15/1/2025

Dean's signature
Prof. Dr. Raaed Ibrahim Khalil
15/1/2025

