Course Description Form Plan surveying

1.	Course Name:

Plan surveying

2. Course Code:

COA-1104

3. Semester / Year:

Second semester / 2024-2025

4. Description Preparation Date:

15/1/2025

5. Available Attendance Forms:

Attending

6. Number of Credit Hours (Total) / Number of Units (Total)

150 hours / 6 units

7. Course administrator's name (mention all, if more than one name)

Name: Dr. Basim Aboud Abbas
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8. Course Objectives

Course Objectives	Learn about the methods of measuring area and the tools used measurement.

9. Teaching and Learning Strategies

Strategy	A 15 -week attendance lectures, interspersed with Two monthly exams, daily exams, and scientific reports

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2		The student gets to know the definition of Plan surveying and its importance	Lecture with explanation presentation	daily exam
2	2		For the student to become familiar with surveying methods	Lecture with explanation presentation	daily exam
3	2		The student gets to know the types Plan surveying	Lecture with explanation presentation	daily exam
4	2		The student gets to know the units measurement	Lecture with explanation presentation	daily exam

5	2		For the student to become familiar with the English system of units	Lecture with explanation presentation	daily exam
6	2		The student will be familiar with the metric system of units	Lecture with explanation presentation	daily exam
7	2		The student will be familiar with measuring distances on flat land	Lecture with explanation presentation	daily exam
8	2		The student will be familiar with measuring horizontal distances on sloping lands	Lecture with explanation presentation	daily exam
9	2		For the student to recognize columns in measuring areas	Lecture with explanation presentation	daily exam
10	2		The student gets to know the obstacles and their types	Lecture with explanation presentation	daily exam
11	2		The student gets to know settlement and its importance in agriculture	Lecture with explanation presentation	daily exam
12	2		The student gets to know the types leveling devices	Lecture with explanation presentation	daily exam
13	2		The student to become familiar with topographic surveying	Lecture with explanation presentation	daily exam
14	2		The student will be familiar with scanning using a flat plate	Lecture with explanation presentation	daily exam
15	2		The student gets to know areas and volumes	Lecture with explanation presentation	daily exam

11.Course Evaluation

Examinations
Monthly and daily exams with discussion questions inside the lecture
The degree of participation in the questions related to the subject

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	Foundations of Plan surveying and topography Riad Saleh Al-Khafaf / 2000 International Information Network Internet
Recommended books and references (scientific journals, reports...)	Iraqi academic scientific journals
Electronic References, Websites	Google browser