

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Principles of survey
Course number	GEOG2314
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - 1 – To know basics of surveying science.
2 - 2 – To know dealing with surveying equipments.
3 - 3 – To know using of surveying in our life .
4 - 4 – To study the relationship maps and surveying equipments

Intended Learning Outcomes

Knowledge and Understanding	<ul style="list-style-type: none"> * 1 – To find data base includes surveying and cartographic knowledge. * 2 – To able students of understanding surveying work and making maps, * 3 – The student will Differentiates between surveying equipments through surveying works.
Intellectual Skills	<ul style="list-style-type: none"> * 1 – Development of students mental abilities in surveying and Cartographic sides. * 2 - Development of students mental abilities through dealing with maps using. * 3 - The student will Differentiates between surveying and cartographic terms. * 4 - Development of students abilities in field surveying working and office working.
Professional Skills	<ul style="list-style-type: none"> * 1 – The student will acquist professional ethics. * 2 – To develop scientific creativity in his job and forming a special character helps him to be the best between his proverbs in the society. * 3 – To develop his own character, and to be ready in field and office workings.
General Skill	<ul style="list-style-type: none"> * 1 – To find a strong base in different sides of surveying and Cartography. * 2 – To realize and understand the fact of surveying working through dealing with surface of the Earth and maps. * 3 – To understand facts of groups through working, where he will get best results. * 4 – To learn serious conversation to arrive to all sides of subjects understanding.

Course Contents

- 1 - Course name: Principles of surveying. Weekly hours: 3 hours. No. of term: second term. No. of course: This course deals with maps through applications of surveying equipment, specially level and Theodolite. It studies deferent ways of measurements in the field by using these equipments. The student studies measuring horizontal and vertical distances, and measuring areas in different ways, the student learns drawing maps from the field to the map.

Teaching and Learning Methods

- 1 - 1 –Visual and developable lectures.
- 2 - 2 – Field study inside and out side the university.
- 3 - 3- Seminars for activating students.
- 4 - 4 – making researches in surveying subjects.
- 5 - 5 – Power points and videos in surveying.
- 6 - 6 – Activating the own learning through making some orders in surveying.
- 7 - 7- Collaborative learning in Applied objects through lectures.

Teaching and Learning Methods for the Disabled Students

- 1 - no one

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Half term Exam	mid term	30 Marks
Students attendance and absence	during the term	5 Marks
Activities and fast researches	during the term	5 Marks
Final Exam	during the term	5 Marks

Books and References

Course note	The student takes note during the term.
Essential books	Abdulatheem Qaddoura Mushtaha (2009): Principles of surveying, Al miqdad press, Gaza, Palestine.
Recommended books	1 - Agor, R. : surveying and leveling , 9th. Ed. , Khanna Publishers , Nai Sarak , Delhi , 1999 . 2 - Bannister, S. R. & Baker, R. : Surveying ,6th. Ed. , Longman Scientific & Technical (UK),1992. 3 - Bygott, J.: An Introduction to map work and Particle Geography, 8th. Ed. London, 1962. 4 - Ivan I.M. & Karl H. R : Introduction to Surveying , Frederick Ungar publishing Co. , New York , 1974 . 5 - Olliver, J.G.& Clendinning, J : Principles of Surveying, Volume (1)., lane.Surveying,.4th.Ed.,Van.Nostrand Reinhold (UK) Co.Ltd. 1984. 6 - Robinson, A. H. : Elements of Cartography , New York , 1960
Other References (Periodical, web sites, etc.)	No students