جَامِعَةُ الأزْهَرِ ـ غَزَةْ
Al Azhar University - Gaza

Form (A)

Course Specifications

General Information

Course name	Sampling
Course number	STAT3313
Faculty	
Department	
Course type	Major Needs
Course level	3
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - Understanding the sampling Techniques

Intended Learning Outcomes

Knowledge and Understanding	* Understanding the sampling Techniques and its charactristics

Course Contents

1 - The probability and the nonprobability samples
2 - Simple random sampling
3 - Stratified sampling
4 - Systematic sampling
5 - Cluster Sampling
6 - Standard errors for the estimators
7 - Confidence intervals for the estimators
8 - Determining the suitable sample size

Teaching and Learning Methods

1 - Lectures
2 - Projects & Homeworks
3 - Participate in discussions

Teaching and Learning Methods for the Disabled Students

1 - Do not apply

Students Assessment

Assessment Method	TIME	MARKS
Midterm exam	Two hours	30
Participation & Homework & projects	Five hours	10
Final exam	Two hors	60

Books and References

Course note	Sampling Methodologies Rao

Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Samples types					
Simple random sampling					
Stratified sampling					
Systematic sampling					
Cluster Sampling					
Standard errors for the estimators					
Confidence intervals for the estimators					
Determining the suitable sample size					