

King Saud University (RIYADH)
College of business administration
Department of Quantitative Analysis.
Business Statistical Analysis (QUA 501)

Course Facilitator: Dr. Najwan Alsadat

Office : Building 3 2nd Floor, Office No. 185

E-mail: nalsadat@ksu.edu.sa

Lecture: Monday 9.00 AM to 12.00 AM (sec47912)

Office Hours : Monday (12-1), Tuesday (10-1)

Course Objectives

The main purpose of this course is to provide basic knowledge about probability distributions and inferential statistics for the purpose of making effective business decisions.

Content of the Course and Session Plan

Session	Content
Sessions 1-6	Introduction to Statistics
Sessions 7-15	Introduction to probability and Probability Distributions
Sessions 16-18	Sampling Distribution and Central Limit Theorem
Sessions 19 - 24	Estimation and Confidence Intervals
	First Midterm (25 points) Monday (13/2/1440 - 22/10/2018) (8:30-10:00 AM)
Sessions 25 - 27	Introduction to Hypothesis Testing
Sessions 28 - 30	One-sample tests of hypothesis
Sessions 31 - 33	Two-sample tests of hypothesis
	Second Midterm (25 points) Monday (11/3/1440 - 19/11/2018) (8:30-10:00 AM)
Sessions 34 - 42	Goodness-of-Fit Testes and Contingency Analysis.
	Duties (10 points)
	Final Exam (40 points)

Text Book Recommended: Lind, D., Marchal, W. & Wathen, S.(2012).
Statistical Techniques in Business & Economics. The McGraw-hill
Companies, inc, New York.