# Department of Statistics & Operation Research-King Saud University
## First Semester 1438/1439

# Stat105
## Instructor: Dr. Fayz Abokalam Office: 2B40 Tel 0508893203
## Office Hours all days from 11-12
## Catalog Description

| Week | Title |
|---|---|
| **W1(26 /12/1438)** | Some discrete distributions: Binomial, Hyper geometric, Poisson, Uniform |
| **W2(4/1/1439)** | Discrete distributions: expectations, variances, probabilities, approximations |
| **W3(11/1/1439 )** | Some continuous distributions: Normal, t, Chi squares, F  Probabilities, tables, critical points |
| **W4(18/1/1439 )** | central limit theorem and Sampling distribution of |
| **W5(25/1/ 1439 )** | means, proportion, variance |
| **W6(2/2/1439 )** | one& two populations |
| **W7(9/2/1439 )** | |
| *The First Term Exam at Tuesday 11/2  from7-8:30 pm* | |
| **W8(16/2/1439)** | Point and interval estimation: Mean, Proportion, variance one population |
| **W9(23/2/1439)** | Point and interval estimation: Mean, Proportion, variance one population |
| **W10(1/3/1439)** | Point and interval estimation: Mean, Proportion, variance two populations |
| **W11(8/3/1439)** | Testing Hypothesis: Mean, Proportion, variance one population |
| **W12(15/3/1439)** | Chi-square tests |
| *The second Term Exam at Sunday 15/3  from7-8:30 pm* | |
| **W13(22/3/1439)** | Analysis of variance one and two ways |
| **W14(29/3/1439)** | Analysis of variance one and two ways |
| **W15(6/4/1439)** | Analysis of correlation and regression |
| *Final Test Sat 19/4 at 8 am* | |
| **Grading Policy** | **Test No. 1 : 30 Marks (1.5 hours)** |
| | **Test No. 2 : 30 Marks (1.5 hours)** |
| | **Final Test :40 Marks  (2 hours)** |