Department of Statistics & Operation Research-King Saud University
Second Semester

Stat105

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Syllabus

Week	Title
W1	Some discrete distributions: Binomial, Hyper geometric, Poisson, Uniform
W2	Discrete distributions: expectations, variances, probabilities, approximations
W3	Some continuous distributions: Normal, t, Chi squares, F Probabilities, tables, critical points
W4	central limit theorem and Sampling distribution of
W5	means, proportion, variance
W6	one & two populations
W7	
W8	Point and interval estimation: Mean, Proportion, variance two populations
W9	
W10	Testing Hypothesis: Mean, Proportion, variance one population
W11	
W12	Chi-square tests
W13	Analysis of correlation and regression
W14	Analysis of variance: single factor
W15	Analysis of variance: complete block design
Marks	**First Midturn : 25 Marks (1.5 hours)**
	Second Midturn: 25 Marks (1.5 hours)
	Tutorials : 10 Marks
	Final exam :40 Marks (2 hours)