

Business Statistics Outlines (QUA 207) - spring 2020

1stMid:1March:(Ch.7+Ch8+9.1+9.2)(20%), 2ndMid:5April:(9.3+9.4+ Ch.10) (20%), Final(All chapters) (40%), Study Plan (5%)

Chapter	Title	Required Topics	Number of Weeks	Homework (5%)	Quiz (10%)
7	Sampling distributions	7.1 sampling distribution. 7.2 Sampling distribution of the mean. 7.3 Sampling distribution of the proportion.	2 Weeks (19Jan.-30Jan.)	30Jan.-8Feb	
8	Confidence Interval of Estimation.	8.1 Confidence Interval for the mean (σ Known). 8.2 Confidence Interval for the mean (σ Unknown). 8.3 Confidence Interval for the proportion. 8.4 Determining Sample Size.	2 Weeks (2Feb.-13Feb.)	13Feb.-22Feb.	23 Feb.
9	Fundamentals of Hypothesis Testing: One-Sample Tests	9.1 Study Plan (5%)Fundamentals of Hypothesis-Testing Methodology. 9.2 t Test of Hypothesis for the mean (σ Unknown). 9.3 One-Tail Tests. 9.4 Z Test of Hypothesis for the proportion.	3 Weeks (16Feb.-5March)	5March-14March	8 March
10	Two-Sample Tests and One-Way ANOVA	10.1 Comparing the Means of Two Independent Populations. (352 omitted) 10.2 Comparing the Means of Two Related Populations Paired t Test. 10.3 Comparing the Proportions of Two Independent Populations. 10.4 F Test for the Ratio of Two Variances. 10.5 One-Way AN OVA.(381 to 386 omitted)	4 Weeks (8March.-2April)	26March-11April	29 March
11	Chi-Square Tests	11.1 Chi-Square Test for the Difference Between Two Proportions. 11.2 Chi-Square Test for Differences Among More Than Two Proportions. 11.3 Chi—Square Test of Independence.	1 Week (5April-9April)	9April-18April	12 April
12	Simple Linear Regression	12.1 Types of Regression Models. 12.2 Determining the Simple Linear Equation. 12.3 Measures of Variation. 12.7 Inferences About the Slope and Correlation Coefficient. .(464 omitted)	2 Weeks (12April-23April)	16April-25April	19 April