PAREF Southcrest

PERDUCERE SEMITAS AD ASTRA

Statistics 11 (1st Semester)
Topic Outline

Midterms
Chapter 8: Hypothesis Testing ➔ Steps in Hypothesis Testing – Traditional Method ➔ z Test for a Mean ➔ t Test for a Mean ➔ z Test for a Proportion ➔ χ^2 Test for a Variance or Standard Deviation ➔ Confidence Intervals and Hypothesis Testing **Chapter 9: Testing the Difference Between Two Means, Two Proportions, and Two Variances** ➔ Testing the Difference Between Two Means: Using the z Test ➔ Testing the Difference Between Two Means of Independent Samples: Using the t Test ➔ Testing the Difference Between Two Means: Dependent Samples

Finals
Chapter 9: Testing the Difference Between Two Means, Two Proportions, and Two Variances ➔ Testing the Difference Between Proportions ➔ Testing the Difference Between Two Variances **Chapter 10: Correlation and Regression** ➔ Correlation ➔ Regression ➔ Coefficient of Determination and Standard Error of the Estimate **Chapter 11: Chi-Square and Analysis of Variance (AnoVa)** ➔ Test for Goodness of Fit ➔ Tests Using Contingency Tables ➔ Analysis of Variances (AnoVa)