**BUS 322**

**Test 1**

**Study Guide**

**as of 2/15/22**

**The following types of problems will be on this test:**

1. Uniform Distribution

2. Poisson/Exponential Distribution

3. Binomial Distribution

4. z Distribution (one and two tails)

5. t Distribution (one and two tails)

6. Counting Methods (permutations and combinations)

7. Hypothesis Testing (one tail z)

8. Hypothesis Testing (two tails t)

9. Sample Size Calculations

10. Conditional Probability (the Bayes’ Theorem)