**Finite – Semester Two Final Exam Outline**

Logic

* Statements
* Truth Tables
* Conditional Statements
* Analyzing Arguments and Proofs
* Arguments with Quantifiers

Sets and Probability

* Sets
* Venn Diagrams
* Probability
* Conditional Probability, Independent Events

Counting Principles

* Multiplication Principle, Permutations
* Combinations
* Counting Principles
* Binomial Probability, Bernoulli
* Probability Distributions
* Expected Values

Statistics – To be completed on a Chromebook

* Mean, Median and mode
* Standard Deviation
* Normal Distribution
* Binomial Distribution

Format: The test is in two parts. The Chromebook part