**Exam 1 Terms**

Statistics
Descriptive statistics
Inferential statistics
Population
Sample
Bias
Random sample
Variable
Data
Data set
Experiment
Parameter
Qualitative
Quantitative
Nominal
Ordinal
Discrete
Continuous
Measurability
Variability
Surveys
Systematic sample
Stratified sample
Cluster sample
Convenient sample
Observational study
Independent variable
Dependent variable
Pie charts (circle graphs)
Bar graphs
Pareto diagrams
Distribution
Dotplot display
Stem and Leaf Display
Histogram
Ogive
Raw data
Frequency distribution
Classes
Class boundaries
Lower class boundaries
Upper class boundaries
Class width
Class midpoint
Relative frequency graphs
Bell Shaped or Symmetric

Uniform
J shaped
Reverse J shaped
Right Skewed
Left Skewed
Bimodal
U shaped
Average
Mean
Median
Mode
Midrange
Weighted Mean
Unimodal
Bimodal
Multimodal
Outlier
Range
Variance
Standard deviation
Z score
Percentile
Quartile
Decile
Interquartile range
Five number summary
Boxplot (box and whisker display)
Chebyshev's Theorem
Empirical rule
Suspect samples
Ambiguous averages
Changing the subject
Detached statistics
Implied connections
Misleading graphs
Faulty survey questions