Course Schedule

Class	Topics/Agenda
Lec 01	Welcome, Relative Frequency Histograms
Lec 02	Measures of Center, Measures of Variability
Lec 03	Measures of Variability continued, Practical Significance of Standard Deviation
Lec 04	Probability: Events and Sample Space
Lec 05	Calculating Probabilities Using Simple Events
Lec 06	Useful Counting Rules
Lec 07	Useful Counting Rules continued
Lec 08	Event Relations and Probability Rules, Independence, Conditional Probability, Multiplication Rule
Lec 09	Independence, Conditional Probability, Multiplication Rule continued
Lec 10	Bayes' Rule
Lec 11	Discrete Random Variables and their Probability Distributions
Lec 12	Discrete Random Variables continued. The Binomial Probability Distribution
Lec 13	Review
Lec 14	Exam 1
Lec 15	The Binomial and Hypergeometric Probability Distribution
Lec 16	Probability Distributions for Continuous Random Variables
Lec 17	Probability Distribution for Continuous Random Variables continued
Lec 18	Normal Approximation to the Binomial Probability Distribution
Lec 19	Normal Approximation to the Binomial Probability Distribution continued
Lec 20	Central Limit Theorem, Sampling Distributions of the Sample Mean
Lec 21	Sampling Distribution of the Sample Proportion
Lec 22	Review
Lec 23	Exam 2
Lec 24	Types of Estimators, Point estimation, Interval Estimation,
Lec 25	Interval Estimation continued, Estimating the Difference Between two Population Means, Estimating the Difference Between two Binomial Proportions
Lec 26	Estimating the Differences continued, Choosing the Sample Size
Lec 28	Correlation and Intro to linear regression and method of least
Lec 29	Review