

** Note that dates are tentative and will be adjusted based on progress made in class.

January 11 - February 6:

Advanced Single Variate and Multivariate Distributions, Chapters 3-6

February 8 - February 29:

Functions of Random Variables and Sampling Distributions, Chapters 7-8

March 5 (possibly started on February 27):

Simulation, Empirical Distributions Introduction, Model Selection Process

March 7:

Goodness of Fit Tests Introduction

March 12:

Parameter Estimation

March 14:

Estimator Properties

April 4:

Confidence Intervals, Sample Size

April 9:

Neyman Pearson Lemma, Power of a Test, Likelihood Ratio Tests

April 11:

Hypothesis Testing, Goodness of Fit Tests

April 16:

ANOVA and Regression