STA 6246 – LINEAR MODELS
SYLLABUS (8/30/2004)


COURSE TOPICS:

Ch. 1 Introduction
Ch. 2 Matrix Algebra
Ch. 3 Random Vector and Matrices
Ch. 4 Multivariate Normal Distribution
Ch. 5 Distribution of Quadratic Forms in y
Ch. 6 Simple Linear Regression
Ch. 7 Multiple Regression: Estimation
Ch. 8 Multiple Regression: Test of Hypotheses and Confidence Intervals
Ch. 11 Analysis of Variance Models

Note: Only selected sections of the last three chapters will be covered.