COURSE MATERIALS

TEXT (Required): Methods of Multivariate Analysis: 2\textsuperscript{nd} edition.
By Alvin C. Rencher

Grading Policy: We will have 2 tests (including the final) and Home-works. Each test will count for (1/3)rd of the final score and the Home-works will count for the remaining (1/3)rd. I will drop the lowest score on the Home-works. You are responsible for all the announcements made in class. Weekly home-works will be assigned and graded. Each missed exam or home-work will automatically result in a zero. Each student is required to return the assignment a week after it has been assigned and on time.

In addition to the one way and two analysis of variance in the univariate case, I plan to cover the following chapters

Chapter 1: Multivariate Analysis of Variance

Chapter 2: Discriminant Analysis: Description of Group Separation

Chapter 3: Classification Analysis: Allocation of Observations to Groups

Chapter 4: Principal Component Analysis

Chapter 5: Factor Analysis

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