40041 Statistical Methods for Experiments (3)

Knowledge
Should learn Comparison of two groups, t- and F-statistics; ANOVA, one-way and multiway layouts, randomization blocking.

Comprehension
To learn Linear regression, correlation and analysis of covariance (ANCOVA). Repeated measures analysis of variance

Application
The main and most important application is to solve many different problems related to the subject.

Analysis
N/A

Synthesis
To develop numerical and analytic skills to solve problems in statistics.

Evaluation
Should complete homeworks, pass midterm tests and a final exam.

Class Activities
To solve problems in class and discuss theorems.

Out of class Activities
To submit homework assignments.