40022 Linear Models and Statistical Analysis (3)

Knowledge
Should learn the Regression model, multivariate normal distribution, point and interval estimates.

Comprehension
To learn Gauss-Markov Theorem, correlation and regression, tests of hypotheses, applications.

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

Analysis
N/A

Synthesis
Should develop combinatorial and analytic skills to solve problems in statistical analysis and probability.

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.