30011 Basic Probability and Statistics (3)

Knowledge
The students should learn the Analysis and representation of data. Controlled experiments and observations. Measurement errors.

Comprehension
Should understand the notions of correlation and regression, sampling, the probability models and tests of models, and inference.

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

Analysis
N/A

Synthesis
Should combine "probabilistic and analytic" thinking.

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.