

10041 Elementary Probability and Statistics (3)

Learning Outcomes for Elementary Probability and Statistics, MATH-10041

Knowledge

The students should learn the notions of descriptive statistics, probability concepts, binomial and normal distributions, as well as the notions of conditional probability and counting techniques.

Comprehension

Should understand the notions of sampling, estimation, and hypothesis testing.

Application

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

Analysis

Should be able to analyze the paired data, linear models and correlation.

Synthesis

Should continue developing abstract 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.