

## 40012 Introduction to Statistical Concepts (3)

### **Knowledge**

Should learn the sample spaces, continuous distributions, sampling distributions, point and interval estimation.

### **Comprehension**

To understand the hypothesis testing, types of error, level and power of tests, sequential and nonparametric methods.

### **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 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.

