

# ADU3201/ADU3218/ADE3201- Basic Statistic

## Syllabus

The syllabus for the course is given below. The course material is arranged in two units.

### **Unit1: Data and Data Summaries**

- ❖ Introduction to the terminology
- ❖ Classifications of data
- ❖ Tabular data summaries
- ❖ Graphical summaries
- ❖ Measures of location
- ❖ Measures of dispersion

### **Unit2: Introduction to probability and its applications**

- ❖ Introduction to probability
- ❖ Permutations from all objects
- ❖ Permutations and combinations from selected objects
- ❖ Operators on events and graphical illustrations
- ❖ Rules of probabilities
- ❖ Mathematical expectation and variance

