Co

M: Course Objectives/Learning Outcomes
The student will be able to:

1. collect statistical data using appropriate sampling techniques;
2. organize statistical data and calculate measures of central tendency and variation;
3. calculate the probability of events when they are mutually exclusive, independent and dependent;
4. use binomial and normal distribution to make probability estimates;
5. set up confidence intervals for population means and proportions;
6. use sample information to test statements or claims about parameters;
7. use computer spreadsheets to solve statistical problems;
8. devise a simple linear forecast.

N: Course Content

1. Forecasting: use of simple linear algebra to forecast using two points, use of CPI to deflate a time series, components of a time series.
2. Descriptive Statistics: frequency distributions, graphical displays, measures of central tendency, measures of dispersion.
3.