Date Prepared: July 5, 2000

COURSE OUTLINE

___ New  X Revised  Effective Date: August 22, 2000

1. COURSE PREFIX NUMBER: BUS 220  CREDIT HOURS: 3

2. COURSE TITLE: Introduction to Business Statistics

3. PREREQUISITES: None

4. COURSE DESCRIPTION: Introduces statistics as a tool in decision-making. Emphasizes ability to collect, present, and analyze data. Employs measures of central tendency and dispersion, statistical inference, index numbers, probability theory, and times series analysis. Prerequisite or co-requisite: keyboarding competence. Lecture 3 hours per week.

5. CONTENT: (Major Headings)
   a. Introduction to Modern Statistics
   b. Summarizing Data: Frequency Distributions
   c. Summarizing Data: Statistical Descriptions
   d. Possibilities, Probabilities, and Expectations
   e. Some Rules of Probability
   f. Probability Distribution
   g. The Normal Distribution
   h. Sampling and Sampling Distributions
   i. Decision Making: Inferences About Means

6. GENERAL COURSE OBJECTIVES:

   Upon successful completion of the course, the student will be able to
   a. apply statistical tools to decisions which affect profitability and continuity in modern business
   b. utilize skills to apply descriptive statistical techniques and statistical inference