Course Title: Business Mathematics
Prefix and Course Number: BUS 104

COURSE LEARNING OUTCOMES

Upon successful completion of this course, students will be able to demonstrate proficiency with:

- improved ability to operate electronic calculators
- necessary math techniques used in typical retail merchandising activities;
- cash and trade discounts;
- transportation costs;
- invoices and business forms;
- markups based on cost and retail;
- markdowns;
- retail word problems using an electronic calculator;
- consumer credit;
- balancing a checkbook;
- figuring personal taxes;
- basic familiarity with insurance and investments;
- prorating expenses;
- figuring depreciation;
- analyzing balance sheets and income statements;
- ratio proportion problems;
- time value concepts;
- index numbers;
- graphs and charts to communicate data;
- statistical techniques.

Course Outline:
I.   Business Mathematics
   A. Problems in various fields of business
   B. Fundamentals
   C. Financial statements
   D. Buying and selling goods
   E. Simple and compound interest
   F. Discounts
   G. Annuities
   H. Sinking fund and amortization
   I. Consumer credit
   J. Stocks and bonds