

# COUNTY COLLEGE OF MORRIS

## Course Information Outline

---

**Course Title** Business Mathematics **PREFIX & NUMBER** BUS 111

**Class Hours** 3 **Laboratory Hours** 0 **Credit Hours** 3 **Course Fee** \_\_\_\_\_

**Department Chairperson Approval** Alexis Thurman **Date** 3/27/09

**Division Dean Approval** Patrick J. Enright **Date** \_\_\_\_\_

**1. Catalog Course Description**

This course offers a foundation in the essential mathematics of business. Topics include: fractions, percentages, banking records, simple and compound interest, discounts, retailing mathematics inventory, depreciation and payroll. Mathematics of investments, finance and taxes may also to be included.

**2. Prerequisite(s)**

None

**3. Co-requisite(s)**

None

**4. Textbooks**

Essentials of Math with Business Applications, 7<sup>th</sup> Edition, Nelson, Hoy & Alvey

**5. Supplementary Books and /or Materials**

Financial Calculator, HB 10ii

**6. Specialized equipment, supplies, facilities, for classes limited by enrollment or restricted by accreditation and/or equipment limitations.** (Information will be used to determine differential funding category.)

None

**7. Course Content (List of Topics)**

Whole Numbers  
Fractions, Decimals  
Banking and Credit Card Transactions  
Percents  
Payroll  
Trade and Cash Discounts  
Markup and Markdown  
Simple Interest

Compound Interest  
Amortization Schedules  
Installment Buying  
Discounting  
Home Ownership  
Insurance  
Taxes  
Stocks and Bonds  
Tables, Graphs and Statistics

**8. Statement of Course LEARNING OUTCOMES**

Upon completion of this course, the student will be able to:

- Perform basic arithmetic functions.
- Perform mathematical analyses in accounting, economics, finance and banking.
- Demonstrate proficiency in the use of financial calculators to solve mathematical problems in business.

**9. Statement of Relation to Curriculum(s)**

Required course for Business Career Program curriculum (3400).