

BUSA 1180 BUSINESS MATH

3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

Applies basic mathematical operations to business and accounting applications.

Prerequisites: None

Semester Offered:

GENERAL EDUCATION STUDENT LEARNING OUTCOMES

In the New Mexico General Education Curriculum students take courses in a variety of content areas, which may include Communications, Mathematics, Science, Social and Behavioral Sciences, Humanities, and the Creative and Fine Arts. Specific course requirements depend on your program. All general education courses focus on at least three of these skills. Other courses may also develop these skills.

Through these courses, students develop five essential skills:

COMMUNICATION

QUANTITATIVE REASONING

CRITICAL THINKING

PERSONAL AND SOCIAL RESPONSIBILITY

INFORMATION AND DIGITAL LITERACY

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or general education learning outcomes. For more information, please refer to the Dean of the appropriate School.

PROGRAM LEARNING OUTCOMES

Upon successful completion of this program, students will be able to ...

Program Outcome #1: Demonstrate understanding and application of general business, management principles, and marketing concepts in the American and global free market system

Program Outcome #2: Employ analysis and critical thinking in teams and independently to solve problems and make decisions.

Program Outcome #3: Demonstrate personal and group interaction skills to foster positive working relationships and accomplish organizational goals and use team members' talents effectively

Program Outcome #4: Demonstrate understanding and application of accounting and financial concepts, economic principles, and information systems and identify strategies to plan, maintain, and control organizational resources

Program Outcome #5: Demonstrate use of communication concepts, strategies, and systems for obtaining and conveying ideas and information in the workplace.

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students will be able to...

General Learning Outcomes

1. Select and interpret relevant information in narrative problems to solve a given business situation
2. Choose appropriate formulas to solve quantitative business-related problems
3. Use formulas accurately to solve quantitative business related problems

Specific Learning Outcomes:

Upon successful completion of the course, the student will be able to...

1. Apply basic math operations on numbers, equations, and in calculating percentages.
2. Use computational skills to solve word problems related to common business and personal situations.
3. Evaluate business performance using calculated rate of percent increases and decreases of various factors.
4. Apply basic math skills (such as percentages, decimals, and fractions) as required in all applications.
5. Solve problems related to trade and cash discounts and understand how these discounts affect business decisions, costs, and cash flow strategies.
6. Calculate the cost, selling price, and changes of merchandise through markups based on both cost and selling price.
7. Calculate figures involved in simple interest and simple discount applications.
8. Perform calculations dealing with the borrowing or lending of monies.
9. Perform calculations required for establishment of annuities & sinking funds.
10. Given scenarios, determine best financial course of action integrating learned skills.