

NorthWest Arkansas Community College  
Business and Computer Information Courses

BADM 2413 BUSINESS MATHEMATICS

Catalog Description:

Focuses on calculation in fundamental mathematics, percentages, inventories, depreciation, interests, annuities, and introduction to statistics, computer math, and the metric system. It is a suggested prerequisite to Accounting I.

Prerequisite:

ACSK 0103 Intermediate Algebra

Credit Hours/Contract hours/Load hours:

3/3/3

Target Audience & Transfer:

Designed for students working toward an AAS degree in Business Management, not intending to transfer.

General Course Objectives:

Students completing this course should be able to:

Knowledge:

1. Work with numbers, including whole numbers, fractions, and decimals.
2. Work with financial mathematics, including interest, payroll, notes, and present value.
3. Use a table to find factors used in computing financial measure.

Critical Thinking:

4. Analyze financial reports.
5. Determine categories of financial items.

Academic Skills:

6. Convert between decimals and percentages.
7. Make necessary calculations for problem solving.

Cultural Awareness:

8. Have an understanding how mathematics is used in market places to make decisions.

Required Text(s):

Contemporary Mathematics for Business and Consumers, Brechner, 2<sup>nd</sup> Edition  
Dryden Press

Optional Text(s):

Topics:

- I. Basic Operations
- II. Solving Business Problems
- III. Discounts
- IV. Mark-Up and Mark-Down
- V. Interest
- VI. Annuities
- VII. Business Statistics

Required Methods of Instruction:

Lectures, Readings, Problems

Required Forms of Assessment:

Exams, Daily work