

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

- I. **TITLE OF COURSE:** BA1303 - Business Math
II. **COURSE DESCRIPTION:** 3 credit hours 3 credit hours of lecture and 0 credit hours of lab per week.

Basic principle of mathematics are reviewed throughout the course and then these principles are applied to the practical problems in business which includes subjects such as checking accounts, interest, financial statements, retailing math, inventory, depreciation, stocks and bonds, taxes, and statistics. For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected. For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected. Pre-requisite: NA

III. **PROGRAM AND/OR MISSION STATEMENT:**

Prepare students to obtain a job in mid-management or marketing position, possessing the skills to make them successful employees and employers.

IV. **TEXTBOOK AND MATERIALS:**

Practical Business Math Procedures, 14th Ed; Slater; McGraw Hill-Irwin-(McGraw Hill-Connect, E-book)

V. **SCCC/ATS OUTCOMES:**

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes.

1: Read with comprehension, be critical of what they read, and apply knowledge gained to real life.

2: Communicate ideas clearly and proficiently in writing, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.

3: Communicate their ideas clearly and proficiently in speaking, appropriately adjusting content and arrangement for varying audiences, purposes, and situations.

5: Demonstrate the ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information

6: Exhibit skills in information and technological literacy

8: Show the ability to contribute to political, civic, and community responsibilities as an informed member of society

VI. **COURSE OUTCOMES:**

1. Analyze income tax information and apply this information to help interpret taxes.

2. Apply business math principles to common, everyday math situations.

3. Evaluate sales taxes using rate tables and percent.

4. Synthesis management practices as they calculate sales commissions and gross pay.

5. Interpret the due date on a promissory note.
6. Evaluate how to amortize a loan.
7. Interpret and compute auto insurance premium rates.
8. Apply coinsurance on property loans.

VII. COURSE OUTLINE:

1. Fundamental Review
2. Decimals and Fractions
3. Accounting Applications
4. Percentage
5. Credit and Interest
6. Business and Personal Insurance
7. Inventory and Turnover
8. Business Depreciation
9. Business Financial Statements
10. Corporate Stocks
11. Corporate and Government Bonds
12. International Business
13. Compound Interest and Present Value
14. Annuities
15. Business Statistics
16. Business Applications of Equations
17. Math in Employment Tests

INSTRUCTIONAL METHODS:

1. Combination of group instructions and independent study
2. Problem-solving demonstrations
3. Section tests

INSTRUCTIONAL AND RESOURCE MATERIALS:

1. Textbook
2. Calculator
3. Whiteboard
4. Overhead projector

METHODS OF ASSESSMENT:

Assessment of SCCC/ATS Outcomes #1, #2, #3, #4, #5, #6, & #8 will be by the following:
Exams (50% of grade)
Assigned work (45% of grade)
Workplace skills (5% of grade)

ADA STATEMENT

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodations. Students should identify themselves to the Dean of Students at 620-417-1106 or go to the Student Success Center in the Hubble Academic building, room A149.

Syllabus Reviewed: 8/17/2022