

COURSE SYLLABUS

LAST REVIEW	Spring 2021
COURSE TITLE	Business Math
COURSE NUMBER	MATH 0103
DIVISION	Math, Science, Business & Technology
DEPARTMENT	Mathematics
CIP CODE	24.0101, 52.0201, 52.0305, 52.0401, 52.1401
CREDIT HOURS	3
CONTACT HOURS/WEEK	Class: 3
PREREQUISITES	Grade of "C" or higher in MATH-0099 Elementary Algebra
COREQUISITES	None
COURSE PLACEMENT	Students must meet the correct placement measure for this course. Information may be found at: https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html

COURSE DESCRIPTION

Fundamentals of math as they relate to accounting, banking, finance, merchandising and business are studied. Students develop computational knowledge and applied skills in areas including arithmetical operations, price setting, simple and compound interest, time value of money, banking, payroll, insurance, budgeting, and other consumer-related topics.

GENERAL EDUCATION LEARNING OUTCOME

- Basic Skills for Communication
- Mathematics
- Humanities
- Natural and Physical Sciences
- Social and Behavioral Sciences

INSTITUTIONAL LEARNING OUTCOMES

- Communication
- Computation and Financial Literacy
- Critical Reasoning
- Technology and Information Literacy
- Community and Civic Responsibility
- Personal and Interpersonal Skills

TEXTBOOKS

<http://kckccbookstore.com/>

METHODS OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

1. Review of Math Basics
 1. Whole numbers
 2. Fractions
 3. Decimals
 4. Solving for the unknown
 5. Percents and their applications
2. Business Financing Concepts
 1. Simple interest
 2. Simple discounts and promissory notes
 3. Compound interest and present value
 4. Annuities and sinking funds
3. Accounting Concepts
 1. Banking
 2. Payroll
4. Consumer Topics
 1. Installment buying and charge accounts
 2. Home ownership
 3. Sales, excise and property taxes
 4. Life, fire, and auto insurance
5. Other Topics
 1. Markups and Markdowns
 2. Business Statistics

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. Be able to use basic math concepts.
- B. Be able to use business-financing concepts.
- C. Be able to demonstrate business math applications for accounting concepts.
- D. Be able to identify business math applications for consumer decisions.
- E. Be able to compute basic business statistics.
- F. Be able to set personal financial goals.

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.