DEPT: Business                      COURSE NO. ACCT 1135

COURSE TITLE: Business Math

CATALOG DESCRIPTION: An introduction to the business applications and functions which commonly occur in business. (2 credits)

AUDIENCE: open

FULFILLS MN TRANSFER CURRICULUM AREA(S): (Leave blank if not applicable)
Area: by meeting the following competencies:

PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: None

LENGTH OF COURSE: one semester

THIS COURSE IS USUALLY OFFERED:
Every other year fall X spring summer undetermined

Four goals are emphasized in course at Minnesota West Community & Technical College:

1. ACADEMIC CONTENT: Students will discover how math is used in business.

2. THINKING SKILLS: Students will analyze a variety of business events to determine proper math treatment.

3. COMMUNICATIONS SKILLS: Students will be expected to interact utilizing the discussion forum at the course website. In addition, students will be expected to prepare writing assignments based on internet assignments.

4. HUMAN DIVERSITY: The text and discussion forum will provide the students an opportunity to incorporate human diversity into this course.

LIST OF EXPECTED COURSE OUTCOMES:

1. Perform banking functions.
2. Calculate trade and cash discounts.
3. Calculate markups and markdowns.
4. Calculate payroll taxes.
5. Demonstrate the ability to calculate interest using three methods and discounting notes.
6. Calculate math functions associated with using credit.
7. Calculate various functions associated with present and future value.

LEARNING/TEACHING TECHNIQUES USED IN THIS COURSE ARE:

- Collaborative Learning
- Problem Solving
- Student Presentations
- Interactive Lectures
- Creative Projects
- Individual Coaching
- Lecture
- Films/Videos/Slides
- Demonstrations
- Interactive quizzes and math games
- Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

- Reading
- Tests
- Individual Projects
- Oral Presentations
- Worksheets
- Collaborative Projects
- Textbook Problems
- Papers
- Portfolio
- Quizzes
- Group Problems
- Term Paper
- Lab

EXPECTED STUDENT LEARNING OUTCOMES:

1. Demonstrate an understanding of the basic use of math in business and the accounting profession.
2. Define and apply math terms.
3. Analyze and select the proper math to solve problems commonly occurring used in business and accounting.
4. Ability to work independently.
5. Ability to solve problems and make decisions.

The information in this course outline is subject to revision

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

Veteran Services: Minnesota West is dedicated to assisting veterans and eligible family members in achieving their educational goals efficiently. Active duty and reserve/guard military members should advise their instructor of all regularly scheduled military
appointments and duties that conflict with scheduled course requirements. Instructors will make every effort to work with the student to identify adjusted timelines. If you are a veteran, please contact the Minnesota West Veterans Service Office.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or Minnesota Relay Service at 800-627-3529 or by using your preferred relay service.

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