1. **COURSE ID:** BUS. 115  
   **TITLE:** Business Mathematics  
   **Semester Units/Hours:** 3.0 units; a minimum of 48.0 lecture hours/semester  
   **Method of Grading:** Letter Grade Only  
   **Prerequisite:** MATH 811,

2. **COURSE DESIGNATION:**  
   **Degree Credit**  
   **Transfer credit:** CSU  
   **AA/AS Degree Requirements:**  
   CSM - GENERAL EDUCATION REQUIREMENTS: E2c. Communication and Analytical Thinking

3. **COURSE DESCRIPTIONS:**  
   **Catalog Description:**  
   A study of mathematics as applied to business, with emphasis on word problems involving interest,  
   discount, negotiable instruments, financial statements and ratios, inventory pricing, depreciation, payroll,  
   income tax, annuities, and amortization.

4. **STUDENT LEARNING OUTCOME(S) (SLO’S):**  
   Upon successful completion of this course, a student will meet the following outcomes:  
   1. Develop speed and accuracy in the fundamental processes  
   2. Demonstrate ability in business problem solving  
   3. Demonstrate ability in estimation  
   4. Apply learning of business math to the areas of accounting, investments, business operations, and other life  
      situations

5. **SPECIFIC INSTRUCTIONAL OBJECTIVES:**  
   Upon successful completion of this course, a student will be able to:  
   1. Develop speed and accuracy in the fundamental processes  
   2. Demonstrate ability in business problem solving  
   3. Demonstrate ability in estimation  
   4. Apply learning of business math to the areas of accounting, investments, business operations, and other life  
      situations

6. **COURSE CONTENT:**  
   **Lecture Content:**  
   1. placement evaluation  
   2. simple interest  
   3. negotiable instruments  
   4. compound interest and present value  
   5. annuities and amortization  
   6. accounting ratios  
   7. discounts  
   8. financial statements  
   9. introduction to statistics  
   10. consumer credit  
   11. retail pricing  
   12. investments

7. **REPRESENTATIVE METHODS OF INSTRUCTION:**  
   Typical methods of instruction may include:  
   1. Lecture  
   2. Other (Specify): Typical daily out-of-class assignments include reading of chapter sections, working  
      non-word and word problems. Word problems require critical thinking skills.

8. **REPRESENTATIVE ASSIGNMENTS**  
   Representative assignments in this course may include, but are not limited to the following:
Reading Assignments:
Students will be required to read each chapter before class.

9. REPRESENTATIVE METHODS OF EVALUATION
Representative methods of evaluation may include:
   1. Exams/Tests
   2. Quizzes
   3. Simulation
   4. Midterm and final examinations, pop quizzes, and business simulation

10. REPRESENTATIVE TEXT(S):
Possible textbooks include:

Origination Date: August 2010
Curriculum Committee Approval Date: November 2012
Effective Term: Fall 2013
Course Originator: Patricia Brannock