SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
MTH 119S BUSINESS MATHEMATICS
3 CREDIT HOURS

COURSE DESCRIPTION
Designed for students who need an understanding of mathematical processes in business and finance. Course emphasizes use of math in business applications. Topics include the use of mathematics in calculating compound interest, present values, future values, annuities and amortizations. Prerequisite: MTH 093D or satisfactory score on math assessment test. Credits earned in this course do not transfer for mathematics credit.

COURSE GOALS
The student will:

| Bloom's Level | | | Program Outcomes |
|---|---|---|---|
| 3 | 1. | Use basic algebraic equations in business applications. | 4, 8 |
| 3 | 2. | Calculate problems related to insurance, real estate, and stocks and bonds. | 8 |
| 3 | 3. | Compute basic financial ratios from financial statements. | 8 |
| 3 | 4. | Use the calculator financial functions to determine present values, future values, terms, and interest rates. | 8 |
| 3 | 5. | Be able to calculate internal rate of returns. | 8 |

CORE VALUES
The Core Values are a set of principles that guide in creating educational programs and environments at Edison. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE
1.      Financial Ratios
2.      Real Estate
3.      Financial Analysis
4.      Discount
5.      Simple and Compound Interest