General Information

Date
03/22/2017

Department
Mathematics

Course Prefix:
MAT

Course Number:
110

Course Title:
Mathematics of Money

Course Information

Credit Hours
3

Lecture Contact Hours
3

Catalog Description
This course is directed toward the student who wishes to study mathematics with business and financial applications. The philosophy of the department is that this course is a mathematics course using business-related topics to enhance the student's abilities in and appreciation for mathematics. The course topics are chosen so as to be of interest to a broad range of students. Among the topics chosen are simple interest, simple discount, compound interest, present and future value of annuities, spreadsheets and other specific financial applications.

Grading Scheme
Letter Grade

This course is designated as satisfying a requirement in the following SUNY Gen Ed category

Mathematics

FLCC Values

College Learning Outcomes Addressed by the Course

Inquiry
Interconnectedness
Vitality
Perseverance

Course Learning Outcomes
Course Learning Outcomes

1: Use mathematics to solve applied problems in the business world such as mortgages, car loans, credit cards, investments and financial planning.
2: Use a scientific calculator in the solving of applied problems.
3: Read and analyze business and financial applications.
4: Find solutions to applied problems using algebraic and other techniques.
5: Use symbolic notation as a means to solve applied problems.
6: Judge the reasonableness of results and draw appropriate conclusions.
7: Make decisions based on facts found through mathematical computations.
8: Use spreadsheet software to perform financial calculations.
9: Evaluate their results for reasonableness.

Program Affiliation

This course is required as a core program course in the following program(s)

AAS Emergency Medical Technician
AAS Marketing

Outline of Topics Covered

Outline of Topics Covered in Course

MAT_110_Topic_Outline.pdf