

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Financial Mathematics
Course number	ESTA1303
Faculty	
Department	
Course type	College Needs
Course level	1
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - The main objective of this course is to teach the students the basics of financial mathematics applicable to business study.

Intended Learning Outcomes

Knowledge and Understanding	* At the end of this course, students will develop their knowledge and understanding of the uses of financial mathematics in their major field of study.
Intellectual Skills	* At the end of this course, students will develop their intellectual analysis skills, through learning course applications and methods.
Professional Skills	* At the end of this course, students will develop their professional skills, through learning how to apply their knowledge into their professional career.
General Skill	* At the end of this course, students will develop their general knowledge.

Course Contents

1 - At the end of this course, students should be able to understand and apply the following methods in financial mathematics: - Simple interest and simple discount - Compound interest - Simple Annuities - General and Other Annuities

Teaching and Learning Methods

1 - Traditional methods are used in teaching this course, in addition to the application of the most recent technology for the best results.

Teaching and Learning Methods for the Disabled Students

1 - Teaching methods are accessible for all students.

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Assignments	3 per semester	30
Midterm Exam	Week 8	30
Final Exam	Week 15-16	40

Books and References

Essential books	Mathematics of Finance, 6th edition, Petr Zima, Robert L. Brown, and Steve Kopp
-----------------	---------------------------------------------------------------------------------