



Business

FLORIDA INTERNATIONAL UNIVERSITY

FIN 3414-U03B- Intermediate Financial Management

Summer B 2012-Class Time: M/W 02:00- 04:45pm, Room: AHC-3-215

GENERAL INFORMATION

Instructor: Gauri L. Ghai	Phone: (305) 348-2021
Office: Room # DM-401	Fax: (305)348-6895
Office Hours: By appointment	
Link to professor's site: http://business2.fiu.edu/1252927/www	E-mail: ghaig@fiu.edu

COURSE DESCRIPTION

The purpose of the course is to develop and use quantitative methods in solving problems relating to financial decision making process. Understanding the concept of time value of money; the application of time value of money in mortgage mathematics, commercial loans, cost of capital and capital budgeting.

COURSE OBJECTIVES

Students will be able to:

- Evaluate time value of money with multiple cash flows, multiple interest compounding per year
- Understand, recognize applications of time value of money to mortgage, commercial mathematics and capital budgeting
Capable of using a financial calculator for financial problem solving
- Apply quantitative methods used in financial applications

MAJOR & CURRICULUM OBJECTIVES TARGETED

To study the concepts of time value of money and use these concepts for mortgage mathematics, commercial mathematics and capital budgeting.

TEXTBOOK

Financial, Commercial and Mortgage Mathematics and Their Applications, Arun J. Prakash, Gordon V. Karels, and Ray Fernandez.

ISBN # 0-275-92119-0

Recommended Materials:

Financial Calculator: BA II PLUS and/or HP 12C is recommend. For an excellent overview of various financial calculators, you can visit the web site maintained by Prof. Keys at <http://www.fiu.edu/~keysj>

TEACHING METHODOLOGY

This course will use standard lectures. Students will show ability to solve financial problems through standard in-class examinations and using financial calculators.

COURSE PREREQUISITES

This is the second course in finance and a required course for finance majors. You must have taken FIN 3403 and all the prerequisites required for FIN 3403. The course is highly quantitative.

For more information about prerequisites, [click here](#).

COMMUNICATING WITH THE INSTRUCTOR

Please contact me using e-mail at ghaig@fiu.edu

GRADING

Course Requirements	Weights
Exam I	31%
Exam 2	31%
Final Exam	31%

Participation and discussion in class	7%
Total	100%

Letter Grade	Range	Letter Grade	Range	Letter Grade	Range
A	95-100%	B-	78-<82	D+	61-<65
A-	90-<95	C+	74-<78	D	57-<61
B+	86-<90	C	69-<74	D-	53-<54
B	82-<86	C-	65-<69	F	<53

QUIZZES

Examinations will be closed book and close notes and non cumulative. Formula sheets and calculator will be allowed.

DISCUSSION

Students are encouraged to participate in discussion in class regarding the material being presented.

ASSIGNMENTS

All end of chapter problems and assigned problems for all chapters covered in class. Although homework will not be collected, you should work out those problems carefully to reinforce the techniques learned in class to solve these types of problems. For practice, extra assignments for all chapters will also be made available.

RESEARCH PAPER

N/A

DISABILITY NOTICE

If you have a disability and need assistance, please contact the [Disability Resource Center](#) (University Park: GC190; 305-348-3532) (North Campus: WUC139, 305-919-5345). Upon

contact, the Disability Resource Center will review your request and contact your professors or other personnel to make arrangements for appropriate modification and/or assistance.

RELIGIOUS HOLIDAYS

The University's policy on religious holy days as stated in the University Catalog and Student Handbook will be followed in this class. Any student may request to be excused from class to observe a religious holy day of his or her faith.

RULES, POLICIES, and ACADEMIC MISCONDUCT

Assignments from the text and other resources are listed below for each class session. Students are expected to be pace their learning according to the posted course assignments.

It is expected that interactive learning and teaching will enrich the learning experience of all students, and that each student will work in partnership with the professor to create a positive learning experience for all. Student engagement is a necessary condition for an effective learning experience, and includes contributions to debate and discussion (if any), positive interactive learning with others, and an enthusiastic attitude towards inquiry. Everyone is expected to be a positive contributor to the class learning community, and students are expected to share the responsibility of teaching each other.

Statement of Understanding between Professor and Student

Every student must respect the right of all to have an equitable opportunity to learn and honestly demonstrate the quality of their learning. Therefore, all students must adhere to a standard of academic conduct, demonstrating respect for themselves, their fellow students, and the educational mission of the University. As a student in the College of Business taking this class:

- I will not represent someone else's work as my own
- I will not cheat, nor will I aid in another's cheating
- I will be honest in my academic endeavors
- I understand that if I am found responsible for academic misconduct, I will be subject to the academic misconduct procedures and sanctions as outlined in the Student Handbook

Failure to adhere to the guidelines stated above may result in one of the following:

Expulsion: Permanent separation of the student from the University, preventing readmission to the institution. This sanction shall be recorded on the student's transcript.

Suspension: Temporary separation of the student from the University for a specific period of time.

Additionally the following two documents should be used by every student in business classes

that require individual or group written assignments:

- Certification of Authorship Assignment Cover Page ([Individual](#))
- Certification of Authorship Assignment Cover Page ([Groups](#))

For details on the policy and procedure go to [ACADEMIC MISCONDUCT](#). (Section 2.44)

NOTE: Intensive Auditing of the course will be conducted to prevent academic misconduct.

EXPECTATION OF THIS COURSE

At the end of the course, you are expected to have a good understanding of the time value of money, become proficient in solving financial problems particularly relating to mortgages and commercial loans.

COURSE CALENDAR

This is a **tentative schedule** for exams.

Date	Topic	Assignment
	Exam 1: July 11, 2012 Exam 2: July 25, 2012 Final Exam: August 08, 2012	
	Drop Date: July 19, 2012 (Check the schedule)	
Chapter 1	Mathematical Foundation/Geometric Series	
Chapter 2	Time Value of Money	

Chapter 3	Mortgage Mathematics	
Chapter 4	Commercial Mathematics	
Chapter 5	Capital Budgeting	

ADDITIONAL INFORMATION