



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	financial derivatives	
2	Course number	5203443	
3	Credit hours (theory, practical)	3 hours	
	Contact hours (theory, practical)		
4	Prerequisites/corequisites	Principal of finance	
5	Program title	Risk Management and Insurance	
6	Program code	03	
7	Awarding institution	The University of Jordan \Aqaba branch	
8	Faculty	Management and Finance	
9	Department	Department Risk Management and Insurance	
10	Level of course	3	
11	Year of study and semester (s)	2015\2	
12	Final Qualification	BA	
13	Other department (s) involved in teaching the course	No	
14	Language of Instruction	English	
15	Date of production/revision	2015	

16. Course Coordinator:

Jamil J. Jaber, Sunday, Sunday, Tuesday, Thursday at (11:00-12:00), Monday and Wednesday at (2:00-3:00), j.jaber@ju.edu.jo
 Ibrahim Alshomay Sunday, Sunday, Tuesday, Thursday at (11:00-12:00), Monday and Wednesday at (2:00-3:00), j.jaber@ju.edu.jo

17. Other instructors:

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18. Course Description:

This course explains and analyzes the financial derivatives like forwards, futures, options, and swaps. These financial instruments became common recently due to its uses in risk hedging for interest rate, exchange rate, inflation, and the prices of financial and non financial assets alike. Furthermore, financial derivatives are used by investors and institutions for speculation in anticipating future markets movements. Moreover, this course introduce the valuation of financial derivatives

19. Course aims and outcomes:

A- Aims:
1- Understanding basis of derivative market.
2- Indemnify the types of derivatives.
3- Discussing the methods of derivatives Valuation
4- Discussing futures contracts, strategies, and application.
5- Discussing options contracts, strategies, and application.
6- Discussing swaps agreements , strategies , and application
B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...
1- knowledge and understanding
A1) Understand the fundamental principles of financial derivative
A2) Explain the main types of financial instruments.
A3) Students should be able to discuss the characteristics of financial derivative
A4) understand the reports that result from financial institution.
2- Analytical and thinking skills: Students should have the ability to
B1) Analyze the samples data and make the appropriate decision.
B2) Use appropriate tools such as Excel to calculate some models.
B3) The ability to relate mathematical and statistical models to their assumptions and to the real world.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
The history of financial derivatives	Week 1	Jamil Jaber	A&B	lectures	Text Book
The types of financial derivatives	Week 2-3	Jamil Jaber	A&B	lectures	Text Book
The market for financial derivatives	Week 4-5	Jamil Jaber	A&B	lectures	Text Book
mechanisms of future markets	Week 6-7	Jamil Jaber	A&B	lectures	Text Book
Hedging strategies using futures	Week 8-9	Jamil Jaber	A&B	lectures	Text Book
Interest rates and interest rate futures	Week 10-11	Jamil Jaber	A&B	lectures	Text Book
Determination of forwards and futures prices	Week 12-13	Jamil Jaber	A&B	lectures	Text Book
mechanisms of future markets trading	Week 14	Jamil Jaber	A&B	lectures	Text Book

strategies involving options					
introduction to swaps	Week 15	Jamil Jaber	A&B	lectures	Text Book
interest rate swaps	Week 16	Jamil Jaber	A&B	lectures	Text Book

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

- There will be 3 hours lectures per week. Although the lectures cover the vast majority of the module material, students must make use of the textbooks extensively especially the empirical cases presented in the book.

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Students will be assessed based on the following:

Exam	Day/Date	Time	Place	Weight
Quizes and H.W		10-11	In class	20%
Mid- exam	8-4-2015	10-11	In class	30%
Final Exam	To be assigned by the registrar office	TBA		50%

23. Course Policies:

A -Attendance policies:

It is the policy of the University of Jordan/Aqaba branch that “students are expected to attend all meetings of classes for which they are registered.” Missing more than **Six** classes (20%) during the semester is considered unsatisfactory. Missing more than **six** classes will result in an **automatic failing grade** for the course.

B- Absences from exams and handing in assignments on time:

I will not accept any apologize if you absent from the exams or late in assignment date.

C- Health and safety procedures:

If you sick, you can visit our clinic in the university then bring a doctor's prescription with you in a class.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

All the assignments and work submitted by the student should be his or her own. All actions of academic dishonesty including cheating, plagiarism or helping other students in such actions will be dealt with strictly according to the university regulations.

E- Grading policy:

1-34 f	80-84 b
35-49 d-	85-89 b+
50-54 d	90-94 A-
55-59 d+	95-100 A
60-64 c-	
65-69 c	
70-74 c+	
75-79 b-	

F- Available university services that support achievement in the course:

You can use the library and Internet Lab.

24. Required equipment:**Calculators:**

A scientific calculator is recommended for this course and may be required to work some of the problems. You will use a calculator in other finance courses as well as in the *real world*. Restrictions on the use of certain types of calculators may be imposed and programmable calculators must be deprogrammed when used during an exam. **You cannot share calculators with others during the exam.** Be sure to learn how to use your calculator long **before** the scheduled exam.

25. References:**A- Required book (s), assigned reading and audio-visuals:**

Fundamentals of Corporate Finance, 10 Edition, 2013, Ross, Westerfield and Jordan, McGraw Hill, International Edition.

B- Recommended books, materials, and media:**26. Additional information:**

Name of Course Coordinator: -----Jamil Jaber-----Signature: -----Jameljaber----- Date: ---

10-5-2015----- Head of curriculum committee/Department: ----- Signature: -

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:

Head of Department
Assistant Dean for Quality Assurance
Course File