The Hashemite University	
Faculty of Economics and Business Administrative	
Offering Department	Banking and Financial Sciences
Module title / number	Computer Applications on finance and risk management 1802041452
Instructor	Coordinator: Dr. Zyad Marashdeh Office location: 318 - Economic Faculty Phone: 00962-53903333 – Ext. 4145 E-mail: Zyad@hu.edu.jo (Office hours: Sun., Tue., Thu. (12-1)
Pre-requisite	1802041452
Course description	This course presents practical applications for most of the basics that the students have learned in financial management, investment and financial analysis. This course will include applications in different fields: capital budgeting, forecasting and valuation analysis, constructing the efficient portfolio and the variance covariance matrix, CAPM implications and testing the security market line (SML), using the value at risk (VaR) in risk analysis.
Intended learning outcomes (ILOs) Upon the completion of this module , students should be able to achieve the following:	
1- knowledge and understanding	
	This course aims to enable the students to deeply perceive and understand the practical applications of the financial and risk concepts in the real world. By the end of this course; the students will be able to practically apply the capital budgeting techniques in the real world, to conduct forecasting and evaluation of the financial and nonfinancial firms, to conduct the efficient portfolio construction and measuring the market sensitivity risk, to measure the VAR and understand its applications in banking capital regulations.
2- Analytical and thinking skills	
	The student should already complete the prerequisite of this course which is the risk analysis. Also the students should have the basic knowledge in using excel, mathematics, statistics, corporate finance, investment, and financial analysis.

3-Applications Projects:

The students are required to prepare different applied projects that each one represents specific application for what they will learn in the lab room during the semester. The projects are extremely important in this course because they will approve whether the student have perceive and understand the implications and the applications for what they are learning and reading in books and literature.

The students are expected to do and submit their own projects, in which cheating and submitting someone else's project represents a big risk which will automatically lead to zero mark

Teaching and learning methods

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

Assessment methods

Students will be assessed based on the following:

Exam	Day/Date	Time	Place	Weight
First Exam	To be assigned			25%
Second Exam	To be assigned			25%
Class Activities	Every lecture			10%
Final Exam	To be assigned by the registrar office			40%

Academic Honesty

All the assignments and work submitted by the student should be his/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.

Main textbook(s) and additional readings

Excel Modeling In The Fundamental Of Corporate Finance, by craig W. Holden , 2nd edition , 2004.

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