ÇANKAYA UNIVERSITY
Faculty of Economics and Administrative Sciences
Course Definition Form

Part I. Basic Course Information

Department Name	BANKING AND FINANCE	**Dept. Numeric Code**	3 5

Course Code	B A F 3 0 5	**Number of Weekly Lecture Hours**	3	**Number of Weekly Lab/Tutorial Hours**	0	**Number of Credit Hours**	3
Course Web Site	http:// bf.cankaya.edu.tr					**ECTS Credit**	0 6

Course Name and Other Course Information
This information will appear in the printed catalogs and on the web online catalog.

English Name	Portfolio Analysis
Turkish Name	Portföy Analizi
Mode of Delivery	Face to face
Language of Instruction	English

Course Description
Provide a brief overview of what is covered during the semester. This information will appear in the printed catalogs and on the web online catalog.
Maximum 60 words.

This course concentrates on risk/return relationship, Markowitz Diversification Theory and efficient set, capital market line and security market line with special attention to the risk aversion in the market and the price of risk. Asset pricing models along with portfolio management strategies and performance measures as well as hedging techniques will also be examined.

Prerequisites (if any) *Give course codes and check all that are applicable.*	1st [ ][ ][ ][ ][ ][ ]	2nd [ ][ ][ ][ ][ ][ ]	3rd [ ][ ][ ][ ][ ][ ]	4th [ ][ ][ ][ ][ ][ ]
	☐ Consent of the Instructor	☐ Senior Standing	☐ Give others, if any.	
Co-requisites (if any)	1st [ ][ ][ ][ ][ ][ ]	2nd [ ][ ][ ][ ][ ][ ]	3rd [ ][ ][ ][ ][ ][ ]	4th [ ][ ][ ][ ][ ][ ]
Course Type *Check all that are applicable*	■ Must course for dept.	☐ Must course for other dept.(s)	☐ Elective course for dept.	■ Elective course for other dept.(s)

Part II. Detailed Course Information

Course Objectives
Maximum 100 words.

The main objective of this course is to equip the students with the fundamental background for investments in capital market and portfolio management with special emphasis on asset pricing models on the theoretical side and with an examination of the methodology and the techniques for testing those asset pricing models. A discussion on the empirical results will also be surveyed on the practical side. This course is also aimed to provide a full grasp of Portfolio management strategies and performance measures as well as a detailed discussion on the Efficient Market Hypothesis and hedging tools.

Learning Outcomes
Explain the learning outcomes of the course. Maximum 10 items.

After successfully completing this course, the students will be able to:
- understand the relationship between risk and return
- calculate the risk and return of financial assets
- discuss the risk in a portfolio context
- discuss the Markowitz Diversification Theory
- understand such concepts as the efficient portfolio and the efficient set
- explain the Capital Market Line
- explain, determine and use the concept "beta".
- explain the Security Market Line
- discuss the risk-aversion in the market
- determine the price of risk
- discuss portfolio management strategies
- determine and use portfolio performance measures
- explain the Efficient Market Hypothesis
- grasp hedging tools and techniques

Textbook(s)
List the textbook(s), if any, and other related main course material.

Author(s)	Title	Publisher	Publication Year	ISBN
Frank K. Reilly and Keith C. Brown	Investment Analysis and Portfolio Management, 9th Ed.	South-Western College Pub	2008	0324656122
BREALEY Richard R., and MYERS Stewart C.	Principals of Corporate Finance	McGraw-Hill	2003	0-07-115144-3

Reference Books
List, if any, other reference books to be used as supplementary material.

Author(s)	Title	Publisher	Publication Year	ISBN
Michael J. Seiler	Performing Financial Studies: A Methodological Cookbook	Prentice Hall	2004	0-13-047981-0

Teaching Policy
Explain how you will organize the course (lectures, laboratories, tutorials, studio work, seminars, etc.)

In conducting the course, lectures will be accompanied with practical exercises to provide the students a better practical expertise.

Laboratory/Studio Work
Give the number of laboratory/studio hours required per week, if any, to do supervised laboratory/studio work and list the names of the laboratories/studios in which these sessions will be conducted.

Computer Usage
Briefly describe the computer usage and the hardware/software requirements for the course.

In handling the practical exercises students will need to use a statistical/econometric program and/or excel.

Course Outline
List the weekly topics to be covered.

Week	Topic(s)
1	Introduction and Aim of the Course
2	Risk and Return
3	Markowitz Diversification Theory and the Efficient Set
4	Capital Market Line
5	Capital Asset Pricing Model (CAPM)
6	Multifactor Models
7	Midterm Week
8	Efficient Market Hypothesis and Anomalies
9	Portfolio Management Strategies and Performance Measures
10	Arbitrage and Short Selling
11	Investment in Alternative Securities
12	Investment in Alternative Securities (Continued)
13	Hedging Portfolios
14	Hedging Portfolios (Continued) and Concluding Remarks

Grading Policy
List the assessment tools and their percentages that may give an idea about their relative importance to the end-of-semester grade.

Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage
Midterm Exam	1	40						
Final Exam	1	60						

ECTS Workload
List all the activities considered under the ECTS.

Activity	Quantity	Duration (hours)	Total Workload (hours)
Attending Lectures (*weekly basis*)	14	3	42
Attending Labs/Recitations (*weekly basis*)			
Preparation beforehand and finalizing of notes (*weekly basis*)	14	2	28
Collection and selection of relevant material (*once*)	1	2	2
Self study of relevant material (*weekly basis*)	14	3	42
Homework assignments			
Preparation for Quizzes			
Preparation for Midterm Exams (*including the duration of the exams*)	1	15	15
Preparation of Term Paper/Case Study Report (*including oral presentation*)			
Preparation of Term Project/Field Study Report (*including oral presentation*)			
Preparation for Final Exam (*including the duration of the exam*)	1	20	20
TOTAL WORKLOAD **/** 25			149/25=5,96
ECTS Credit			**6**

Program Qualifications vs. Learning Outcomes *Consider the program qualifications given below as determined in terms of learning outcomes and acquisition of capabilities for all the courses in the curriculum. Look at the learning outcomes of this course given above. Relate these two using the Likert Scale by marking with X in one of the five choices at the right.*

No	Program Qualifications	Contribution				
		0	1	2	3	4
BAF-1	Be able to monitor and analyze the dynamics of banking and financial markets.				x	
BAF-2	Be able to utilize the basic knowledge that obtained with an interdisciplinary approach to business, economics, etc. in creating expertise in the fields of Banking and Finance in accordance with the requirements of the globalized business environment.			x		
BAF-3	Be able to identify and analyze the validity of theories related to the banking and finance and their relationships regarding current conditions.				x	
BAF-4	Have a good knowledge of the regulations and legislation underpinning the financial markets and institutions.			x		
BAF-5	Have the ability to efficiently perform all responsibilities of managerial finance within a corporation.				x	
BAF-6	Be able to use quantitative techniques and methods that are predominantly used in banking and finance.			x		
BAF-7	Be able to use the theoretical and practical knowledge obtained in his/her field in analyzing and evaluating data.			x		
BAF-8	Be able to construct, analyze and interpret financial and economic models				x	
BAF-9	Be able to understand and evaluate the problems in baking and finance and to discuss and express his/her opinions clearly.		x			
BAF-10	Gain self-evaluation skills to identify exactly his/her self-learning and self-improvement needs, being at the same time equipped with the capacity to follow advanced courses and degree studies.			x		
BAF-11	To maintain scientific, social, and ethical standards when collecting, interpreting, and disseminating financial information, and in application of financial ideas.			x		

Scale for contribution to a qualification: **0**-none, **1**-little, **2**-moderate, **3**-considerable, **4**-highest