



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 4 0 1	Number of Weekly Lecture Hours	3
		Number of Weekly Lab/Tutorial Hours	0
Course Web Site	http:// bf.cankaya.edu.tr	Number of Credit Hours	3
		ECTS Credit	0 5

Course Name and Other Course Information

This information will appear in the printed catalogs and on the web online catalog.

English Name	Technical Analysis
Turkish Name	Teknik Analiz
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 covers the study of market action, primarily through the use of charts, for the purpose of forecasting future price trends. For this purpose, it provides a detailed discussion on the tools and the technics used in technical analysis. It is designed to equip the students with the trading methods and applications. Major topics include Dow Theory, chart construction and trends, major reversal patterns, continuation patterns, volume spread analysis, moving averages, oscillators, candlesticks, Elliott Wave Theory, time cycles etc.

Prerequisites (if any) <i>Give course codes and check all that are applicable.</i>	1 st	2 nd	3 rd	4 th
	<input type="checkbox"/> Consent of the Instructor	<input type="checkbox"/> Senior Standing	<input type="checkbox"/> Give others, if any.	
Co-requisites (if any)	1 st	2 nd	3 rd	4 th
Course Type <i>Check all that are applicable</i>	<input checked="" type="checkbox"/> Must course for dept. <input type="checkbox"/> Must course for other dept.(s) <input type="checkbox"/> Elective course for dept. <input checked="" type="checkbox"/> Elective course for other dept.(s)			

Part II. Detailed Course Information**Course Objectives***Maximum 100 words.*

This course is aimed to equip the students with a strong understanding of the philosophy, the tools and the technics of technical analysis which will equip them with the trading methods and applications to master the markets.

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

After successfully completing this course, the students will be able to:

- Construct and use charts
- Carry Trend Analysis
- Discuss Dow Theory and Elliott Wave Theory
- Undertake Volume Spread Analysis
- Define reversal and continuation patterns
- Use moving average approaches
- Discuss and use oscillators
- Trade more effectively in financial markets
- Master the trading methods and applications

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

Author(s)	Title	Publisher	Publication Year	ISBN
John J. Murphy	Technical Analysis of the Financial Markets A Comprehensive Guide to Trading Methods and Applications	NewYork Institute of Finance	1999	0-7352-0066-1
Barbara Rockefeller	Technical Analysis for Dummies 2 nd Edition	Wiley	2011	978-0-470-88800-1

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

Author(s)	Title	Publisher	Publication Year	ISBN

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 discussions, examples and case studies.

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.*

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

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Course Outline <i>List the weekly topics to be covered.</i>	
Week	Topic(s)
1	Philosophy of Technical Analysis
2	Dow Theory
3	Chart Construction and Trends
4	Major Reversal Patterns
5	Continuation Patterns
6	Volume Spread Analysis
7	Midterm Week
8	Long Term Charts
9	Moving Averages
10	Oscillators
11	Point and Figure Charting
12	Japanese Candlesticks
13	Elliott Wave Theory
14	Time Cycles

Grading Policy <i>List the assessment tools and their percentages that may give an idea about their relative importance to the end-of-semester grade.</i>								
Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage
Midterm Exam	1	40						
Final Exam	1	50						
Class Participation	14	10						

ECTS Workload <i>List all the activities considered under the ECTS.</i>			
Activity	Quantity	Duration (hours)	Total Workload (hours)
Attending Lectures (<i>weekly basis</i>)	14	3	42
Attending Labs/Recitations (<i>weekly basis</i>)			
Preparation beforehand and finalizing of notes (<i>weekly basis</i>)	14	2	28
Collection and selection of relevant material (<i>once</i>)	1	5	5
Self study of relevant material (<i>weekly basis</i>)	14	2	28
Homework assignments			
Preparation for Quizzes			
Preparation for Midterm Exams (<i>including the duration of the exams</i>)	1	15	15
Preparation of Term Paper/Case Study Report (<i>including oral presentation</i>)			
Preparation of Term Project/Field Study Report (<i>including oral presentation</i>)			
Preparation for Final Exam (<i>including the duration of the exam</i>)	1	15	15
TOTAL WORKLOAD / 25			133/25=5,32
ECTS Credit			5

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 banking 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