



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Financial Statistics I							
Course Code		UTIF210		Course Level		First Cycle (Bachelor's Degree)			
ECTS Credit	5	Workload	126 (<i>Hours</i>)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To understand and apply the basic concepts of statistics, to organize financial data, to calculating descriptive statistics, gaining application skills in statistical package programs and to interpret the results obtained.							
Course Content		This course covers the collection, classification and grouping of financial data, series and graphs, sensitive means, non-sensitive means, ratios, measures of variability, indices, probability theory, random variables and discrete and continuous distributions.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Problem Solving					
Name of Lecturer(s)		Lec. Bilge DOĞANLI							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Serper Özer, Uygulamalı İstatistik, Ezgi Kitabevi, Bursa, 2010.
2	Miran, Bülent. Temel İstatistik: Genişletilmiş baskı. Vol. 1. Bülent Miran, 2021.
3	Karabıyık Lale ve Anbar Adem, Sermaye Piyasası ve Yatırım Analizi, Ekin Kitabevi, Bursa, 2010.
4	Yüzer, Ali Fuat. İstatistik. Vol. 1448. Anadolu Üniversitesi, 2009.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to financial statistics
2	Theoretical	Collection of financial data
3	Theoretical	Classification and grouping
4	Theoretical	Financial series and charts
5	Theoretical	Precision averages
6	Theoretical	Non-sensitive means
7	Theoretical	Odds
8	Intermediate Exam	Midterm
9	Theoretical	Measures of variability
10	Theoretical	Division shape dimensions
11	Theoretical	Financial indices
12	Theoretical	Probability theory
13	Theoretical	Random variables and probability distributions
14	Theoretical	Discrete probability distributions
15	Theoretical	Continuous probability distributions
16	Theoretical	Final examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	3	4	105
Midterm Examination	1	8	1	9



Final Examination	1	10	2	12
Total Workload (Hours)				126
[Total Workload (Hours) / 25*] = ECTS				5
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To be able to define the basic concepts and assumptions of Descriptive Statistics.
2	To be able to collect relevant financial data by using appropriate methods.
3	To be able to draw and interpret the necessary graphics related to financial data.
4	To be able to calculate financial index values.
5	To be able to explain the basic concepts and rules of probability theory.

Programme Outcomes (International Trade and Finance)

1	To become individuals having high intellectual capacity, improved social skills, positive thinking, the ability to adapt to different environments and institutions
2	To have technical equipment, flexible thinking and action ability and multiple language skills to be capable of working in international platforms
3	To be able to utilize the basic knowledge they obtained with an interdisciplinary approach to business, economics, etc. in creating expertise in the fields of International Trade and Finance in accordance with the requirements of the globalized business world
4	To develop suggested solutions and recommendations by informing the people and institutions predicting regional, national and international problems in the fields of international trade and finance with a proactive approach
5	To possess the ability of analytical thinking and the ability to synthesize with quantitative proficiency as required in the program
6	To have the characteristics to inquire and investigate the knowledge and skills acquired during the education process in relation to the requirements of existing market conditions
7	To identify and analyze the validity of theories related to the international trade and finance and their relationships regarding current conditions
8	To possess the knowledge of a second foreign language to the extent of their individual abilities, besides the competency in the English language to be able to communicate effectively
9	To have the qualifications of managing and being managed to solve existing and potential problems encountered in practice
10	To be able to organize activities that will contribute to the personal and professional development of the employees in the department where he/she holds an executive position

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	4	5	4	5	4
P2	3	4	3	4	4
P3	4	5	3	5	3
P4	2	4	3	5	5
P5	3	3	3	5	2
P6	4	3	4	5	3
P7	5	4	3	4	4
P8	4	5	4	4	5
P9	5	4	4	4	4
P10	4	5	5	5	5

