

QUANTITATIVE DATA ANALYSIS

1	Course Title:	QUANTITATIVE DATA ANALYSIS
2	Course Code:	EKO2206
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	4
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	No Prerequisites
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. AYŞE OĞUZLAR
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	ayseog@uludag.edu.tr 224 29 41103 Bursa Uludağ Üniversitesi, İktisadi ve İdari Bilimler Fakültesi, Ekonometri Bölümü,16059, Görükle/Bursa
17	Website:	
18	Objective of the Course:	The students will collect data from studies and data to transfer skills and knowledge required to implement the appropriate solution technique.
19	Contribution of the Course to Professional Development:	Statistical methods and techniques of education is to give the students can apply to their fields.
20	Learning Outcomes:	
	1	To be able to having the ability to collect data
	2	To be able to the data to apply the appropriate solution techniques
	3	To be able to creating and testing hypotheses related to these studies to be capable of making.
	4	To be able to the nominal and ordinal relationships between the variables measured at the level of measurement and apply to have the ability to put forward.
	5	To be able to having the ability to test the suitability of the theoretical distributions of variables.
	6	To be able to degree studies to reveal the relationships between variables, which will be held.
	7	To be able to studies do have the ability to reveal patterns among the variables of functional
	8	To be able to applications and evaluation of the survey will be able to
	9	
	10	
21	Course Content:	
	Course Content:	
Week	Theoretical	Practice

1	Data, Data Types, Scales.			
2	Aplications of graphics by using SPSS and MINITAB			
3	Aplications of Descriptive statistics by SPSS and MINITAB.			
4	Data Genaration by using MINITAB.			
5	Normality Analysis and aplications by using SPSS			
6	One Way and Two Way Anova , Aplications by using SPSS.			
7	Parametric Hypothesis Tests.			
8	Aplications of Parametric Hypothesis by using PSS and MINITAB			
9	Nonparametric Hypothesis Tests			
10	Aplications of NonParametric Hypothesis			
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical				
11	Simple and Multiple regression	14	3.00	42.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		14	2.00	28.00
Homeworks		2	20.00	40.00
Projects by using SPSS and MINITAB		1	15.00	15.00
Field Studies		0	0.00	0.00
12	Midterm Exams Evaluation	1	10.00	10.00
Others		0	0.00	0.00
Final Exams				
14	Applications of Survey Evaluation by using	1	15.00	15.00
Total Work Load				160.00
Total work load/ 30 hr				5.00
ECTS Credit of the Course				5.00
22	Textbooks, References and/or Other Materials:	I-İstatistiksel Veri Analizi 1, Ayşe Oğuzlar		
23	Assesment			
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT	
Midterm Exam		1	40.00	
Quiz		0	0.00	
Home work-project		0	0.00	
Final Exam		1	60.00	
Total		2	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		

Total									100.00							
Measurement and Evaluation Techniques Used in the Course									Written questions							
24	ECTS / WORK LOAD TABLE															
25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	2	1	3	3	2	3	3	2	2	4	4	3	0	0	0	0
ÖK2	3	1	4	3	2	3	3	2	2	4	4	3	0	0	0	0
ÖK3	3	3	4	4	3	3	4	3	3	3	3	2	0	0	0	0
ÖK4	4	4	3	3	3	3	4	4	4	4	4	3	0	0	0	0
ÖK5	4	3	4	4	4	4	4	4	4	4	4	3	0	0	0	0
ÖK6	3	3	4	4	3	4	4	4	5	5	5	3	0	0	0	0
ÖK7	4	3	4	4	3	4	4	4	4	4	5	3	0	0	0	0
ÖK8	4	4	4	4	4	4	4	4	4	4	5	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			