DESCRIPTIVE STATISTICS

1	Course Title:	DESCRIPTIVE STATISTICS
2	Course Code:	EKO2207
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	2
6	Semester:	3
7	ECTS Credits Allocated:	6.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	No
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. ERKAN IŞIGIÇOK
15	Course Lecturers:	Prof. Dr. Erkan IŞIĞIÇOK
16	Contact information of the Course Coordinator:	E-posta : eris@uludag.edu.tr Telefon: 0 224 29 41101 Adres: Uludağ Üniversitesi, İktisadi ve İdari Bilimler Fakültesi, Ekonometri Bölümü,16059, Görükle/Bursa.
17	Website:	
18	Objective of the Course:	The aim of the course is to understand and apply basic concepts related to statistics, organize data, calculate descriptive statistics for the data, gain practical skills in statistical package programs and interpret the findings.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

		1	To be able to define basic concepts and assumption of the descriptive statistics.
		2	To be able to collect data suitable for purpose using appropriate methods.
		3	To be able to required to draw graphs and interpret suitable for the purpose of the data.
		4	To be able to calculate the various indexes.
		5	To be able to calculate required to central tendency measurements and measures of variability for the data.
		6	To be able to calculate and interpret measures of asymmetry and kurtosis of the data.
		7	To be able to explain the basic concepts and rules of probability theory.
		8	To be able to define the relationship between discrete and continuous probability distributions.
		9	
		10	

21	Course Content:	

Course Content:

Week	Theoretical	Practice

1	Introduction to Statistics	
2	The data collection	
3	Classification and grouping	
4	Series and graphs	
5	Sensitive means	
6	Insensitive means	
7	Ratios	
8	Measures of variation	
9	Measures of distribution shape	
10	Indexes	
11	Probability theory	
12	Random variables and probability distributions	
13	Discrete probability distributions	
14	Continuous probability distributions	

22	Textbooks, References and/or Other Materials:	1. Özer SERPER, Uygulamalı İstatistik 1, Ezgi Kitabevi, 2004, Bursa. 2. Necmi GÜRSAKAL, Betimsel İstatistik, Dora Yayınları, 2008. 3. Erkan IŞIĞIÇOK, İstatistiksel Bakış, Marmara Kitabevi, 2011, Bursa.

23	Assesment

TERM LEARNING ACTIVITIES	NUMBER	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		

24	**ECTS / WORK LOAD TABLE**

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	3.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	40.00	40.00
Others	0	0.00	0.00
Final Exams	1	50.00	50.00
Total Work Load			174.00
Total work load/ 30 hr			5.80
ECTS Credit of the Course			6.00

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	1	2	1	4	1	1	4	4	5	4	4	1	0	0	0	0
ÖK2	1	2	2	4	1	1	4	4	5	4	3	2	0	0	0	0
ÖK3	1	2	1	3	1	1	3	3	5	4	2	2	0	0	0	0
ÖK4	1	3	2	3	1	1	2	3	4	4	2	1	0	0	0	0
ÖK5	1	2	2	2	1	1	2	3	5	3	2	1	0	0	0	0
ÖK6	1	2	1	2	1	1	3	2	4	3	2	2	0	0	0	0
ÖK7	1	2	2	1	1	1	4	3	4	5	3	2	0	0	0	0
ÖK8	2	2	2	3	1	1	4	3	4	4	3	2	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low		3 Medium			4 High				5 Very High				