STATISTICAL TECHNIQUES

1	Course Title:	STATISTICAL TECHNIQUES
2	Course Code:	EKO6385
3	Type of Course:	Optional
4	Level of Course:	Third Cycle
5	Year of Study:	0
6	Semester:	0
7	ECTS Credits Allocated:	7.50
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	No prequisites
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. MUSTAFA AYTAÇ
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	E-posta : aytac1@uludag.edu.tr Telefon: 0 224 29 41 110 Adres: Uludağ Üniversitesi, İktisadi ve İdari Bilimler Fakültesi, Ekonometri Bölümü,16059, Görükle/Bursa.
17	Website:	
18	Objective of the Course:	The purpose of this course, selection of appropriate methods for future studies is to use statistical techniques.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	To be able to study to analyze the data obtained,
	2	To be able to comment analysis using SPSS package program,
	3	To be able to learn annova application of the one-way and two-way,
	4	To be able to learn application of the one-way and two-way manova,
	5	To be able to learn application of the analysis of covariance
	6	To be able to learn a simple application of the linear regression analysis,
	7	To be able to learn application of the Reliability Analysis,
	8	To be able to use disciplines on the nature of the data using appropriate statistical model across different disciplines,
	9	
	10	

21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	One-Way ANOVA	

2	Application of one-way ANOVA and SPSS	
3	Two-way ANOVA	
4	Application of Two-way ANOVA and SPSS	
5	One-way Manova	
6	Application of One-Way Manova and SPSS	
7	Two-way Manova	
8	Application of Two-Way MANOVA and SPSS	
9	Analysis of Covariance	
10	Application of Covariance Analysis and SPSS	
11	Simple Linear Regression	
12	Application of Simple Linear Regression and SPSS	
13	Reliability Analysis	
14	Application of Reliability Analysis and SPSS	

22	Textbooks, References and/or Other Materials:	1. Şeref Kalayci; Spss Uygulamali Çok Değişkenli İstatisitksel Analiz Teknikleri 2. Özdamar Kazim, Paket Programlar ile İstatistiksel Veri Analizi 3. Bayram Nuran, Sosyal bilimlerde SPSS ile veri analizi. 4. James C. Raymondo, Statistical Analysis in the Social Sciences. 5. D.R.Cox and E.J.SNELL, APPLİED Statistics; Principles and Examples

Activites	NUMBER	WEIGHT	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00		
Practicals/Labs	0	0.00	0.00		
Quiz	0	0.00	1	35.00	35.00
Homeworks	2	35.00	70.00		
Projects	1	100.00	0	0.00	0.00
Field Studies	0	0.00	0.00		
Midterm exams	0	0.00	0	0.00	0.00
Others	1	50.00	50.00		
Final Exams	1	100.00	1	40.00	40.00
Total Work Load					223.00
Total work load / 30 h					7.43
ECTS Credit of the Course					7.50

24	**ECTS / WORK LOAD TABLE**

Contribution of Term (Year) Learning Activities to Success Grade 0.00

Contribution of Final Exam to Success Grade 100.00

Measurement and Evaluation Techniques Used in the Course

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	4	3	4	3	4	5	4	4	5	5	4	4	0	0	0	0
ÖK2	3	3	4	4	4	3	5	5	4	4	4	3	0	0	0	0
ÖK3	4	3	4	5	4	3	4	4	4	3	3	4	0	0	0	0
ÖK4	3	4	3	3	4	3	4	3	4	3	5	4	0	0	0	0

ÖK5	4	3	4	3	4	3	4	3	5	4	3	3	0	0	0	0
ÖK6	3	4	3	5	4	3	4	3	3	4	3	4	0	0	0	0
ÖK7	3	4	3	4	3	4	4	4	4	4	3	3	0	0	0	0
ÖK8	2	3	4	4	4	3	4	3	3	4	4	5	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	**1 very low**	**2 low**	**3 Medium**	**4 High**	**5 Very High**