AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Statistics						
Course Code	BYP219		Couse Level	Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	44 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The aim of this course, students using statistical analysis packages that you don't give the information and basic statistics is to inform students about the principles.						
Course Content	With regard to social service science data collection, summarizing the specific purposes of this data, to analyze and interpret the covering and thus accurate decisions based on the data to be followed on a method.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Individual Study						
Name of Lecturer(s)							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	ASTIN Sarkar, applied statistics, Ezgi Bookstore, 6. , Turkey, 2010.
2	Burhan CIL, Statistics, details publishing, 6. Printing, Ankara, Turkey, 2008.
3	Neyra and Oji wise, ' Sampling Methods and hypothesis testing ', Avciol publishing, İstanbul, 2008.
4	Kazim OLIPHANT, ' SPSS with Biostatistics ', K, K Bookstore, Eskisehir, 1999.

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to statistics
2	Theoretical	The descriptive statistics
3	Theoretical	Frequency tables
4	Theoretical	Cross-table, one-and two-variable graphics
5	Theoretical	Sampling method and sampling size
6	Theoretical	Sample of Dist. 3-estimation
7	Theoretical	The importance of the difference between two rate control
8	Intermediate Exam	Midterm Exam
9	Theoretical	The importance of the difference between two average control
10	Theoretical	Saad square analysis
11	Theoretical	Comparison of more than two group (variance analysis)
12	Theoretical	Comparison of more than two group (variance analysis)
13	Theoretical	Correlation analysis
14	Theoretical	Regression analysis
15	Theoretical	Regression analysis

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Midterm Examination	1	10	1	11
Final Examination	1	18	1	19
Total Workload (Hours)				44
[Total Workload (Hours) / 25*] = **ECTS**				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Describes basic statistical concepts.
2	How the experiment will be designed and how to do determines the framework of control hypothesis.
3	Comparison of two or more group describes the method to be used.
4	Defines a correlation and regression calculations.
5	Prepare tables and charts.
6	Uses computer programs for statistical purposes.