AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Statistics					
Course Code		BYY219		Couse Level	Short Cycle (Associate's Degree)		
ECTS Credit	2	Workload	50 *(Hours)*	Theory	2	Practice	0	Laboratory	0

Objectives of the Course	According to the theoretical information obtained, the student can determine descriptive statistical information, identify and use the most appropriate descriptive statistical tools, analyze the purpose, method, scope, samples and data collection techniques according to the problem situation, analyze program to be used and data package interpret and interpret programs.
Course Content	Basic concepts, Descriptive statistical information, Statistical series, Central tendency and variability measures, Distributions, Hypothesis tests, Chi-square test, Regression and Kaorelation, Introduction and use of SPSS program
Work Placement	N/A
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Problem Solving
Name of Lecturer(s)	

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Open Education Faculty. Statistical book
2	SPSS package software program
3	Basic Statistical Methods Dr. Özkan Ünver, Prof. Dr. Hamza Gamgam, Asst. Assoc. Dr. Bülent Altunkaynak
4	Applied Statistics, Prof. Dr. Reha Apar

Week	Weekly Detailed Course Contents	
1	Theoretical	General concepts
2	Theoretical	Series
3	Theoretical	Histogram, the frequency range
4	Theoretical	Arithmetic mean, geometric mean, harmonic mean
5	Theoretical	Mode, median
6	Theoretical	Standard deviation, variance analysis
7	Theoretical	Prespects
8	Intermediate Exam	Midterm
9	Theoretical	Variable and distributions
10	Theoretical	Hypothesis tests
11	Theoretical	T- test, F-test
12	Theoretical	Regression, correlation
13	Theoretical	Introduction to SPSS
14	Theoretical	Analysis methods in SPSS
15	Final Exam	Semester final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	10	0	1	10
Midterm Examination	1	5	1	6

Final Examination	1	5	1	6
			Total Workload (Hours)	50
			[Total Workload (Hours) / 25*] = **ECTS**	2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Planning a research.
2	To be able to use statistical package programs.
3	To be able to present a research and write a report.
4	To be able to have basic concept knowledge in statistical science.
5	To have information about statistical data.

Programme Outcomes *(Office Mangement and Executive Assistantship)*

1	Use of information and communication technology tools and other professional tools ability.
2	The ability of planning and practicing vocational process.
3	The ability of communicating in foreign language.
4	Vocational self-confidence ability.
5	Entrepreneurship ability.
6	The ability of using the theoretical information in the application.
7	The ability of managing process to supply.
8	The ability of working with the inclusion of interdisiplener team.
9	The ability of defining and solving problems at vocational practice.
10	Professional ethics and responsibility.

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	5	5	5	5	5
P2	5	4	5	4	4
P4	5	5	5	5	5
P5	2	2	2	2	2
P6	3	3	3	4	4
P7	3	3	4	5	5
P8	2	2	2	2	2
P9	3	5	5	5	5
P10	1	1	1	1	1