AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Spss Applied Basic Statistics						
Course Code		EFS170		Couse Level		First Cycle (Bachelor's Degree)		
ECTS Credit	3	Workload	75 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To be able to analyze basic statistics by using statistical program (SPSS).						
Course Content		SPSS Usage, basic concepts in statistics, parametric and non-parametric tests						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods			Individual Study, 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	Eğitimde Ölçme ve Değerlendirme - Doç. Dr. Halil TEKİN
2	Test Hazırlama Kılavuzu - Durmuş Ali Özçelik
3	Sosyal Bilimler için Veri Analizi El Kitabı, Şener Büyüköztürk
4	Assessing Science Understanding, J. J. Mintzes, J. H. Wandersee, J. D. Novak

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic statistical concepts, data collection tools
2	Theoretical	Setup and menus of SPSS
3	Theoretical	Data entry in SPSS, Data tabulation
4	Theoretical	Frequency distribution in SPSS, types of graphics and drawing
5	Theoretical	Calculation of central tendency measures in SPSS
6	Theoretical	Calculation of normal distribution in SPSS
7	Theoretical	Calculation of normal distribution in SPSS
8	Intermediate Exam	Midterm exam
9	Theoretical	Correlation
10	Theoretical	t-test
11	Theoretical	Mann Whitney-u
12	Theoretical	ANOVA
13	Theoretical	ANOVA
14	Theoretical	Kruskal Wallis
15	Theoretical	Reporting
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Reading	14	0	2	28
Midterm Examination	1	8	1	9
Final Examination	1	8	2	10
			Total Workload (Hours)	75
			[Total Workload (Hours) / 25*] = **ECTS**	3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to input data into SPSS.
2	To be able to select the method of analysis in SPSS.
3	To be able to understands which of the various statistical techniques.
4	To be able to reports his work in SPSS.
5	To be able to understands how to present the data obtained as a result of statistical analysis.

Programme Outcomes *(Early Childhood Teacher Education)*

1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to gain the competence of using the appropriate approach, strategy, technique for the plans in the learning process, by making instructional plans related to the subject-matter.
3	To be able to gain skills of the teaching profession in the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process.
5	To be able to comprehend contemporary approaches of education and the philosophies they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter
7	To be able to become individuals faithful to the Principles and Revolutions of Ataturk, be modern, democratic,, secular, protecting and deveoping one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture
9	To be able to become individuals believing in lifelong learning.
10	To be able to educate individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solution of these problems

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	3	3	3	3	3
P2	1	1	1	1	1
P3	1	1	1	1	1
P4	1	1	1	1	1
P5	3	3	3	3	3
P6	3	3	3	3	3
P7	3	3	3	3	3
P8	1	1	1	1	1
P9	3	3	3	3	3
P10	3	3	3	3	3