AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Statistics I						
Course Code		ULT225		Couse Level		First Cycle (Bachelor's Degree)		
ECTS Credit	6	Workload	151 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		To instruct cost accounting concepts and techniques and use this knowledge in the decision-making process.Teach how to recognize, analyze, summarize, interpret, predict and extract inferences from quantitative data using scientific methods.						
Course Content		This course is about basic probability, statistical probability, descriptive statistics and inferential statistics.						
Work Placement		N/A						
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study, Problem Solving				
Name of Lecturer(s)		Assoc. Prof. Algın OKURSOY, Assoc. Prof. Didem TEZSÜRÜCÜ COŞANSU						

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Paul NEWBOLD, İşletme ve İktisat için İstatistik, Çev. Ümit ŞENESEN, Literatür Yayınları, 2000

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Concepts: Population, Parameter, Sample, Statistics, Statistical Unit, Scales
2	Theoretical	Measures of Central Tendency
3	Theoretical	Measures of Central Tendency
4	Theoretical	Measure of Variability: Variance and Standart Deviation
5	Theoretical	Measure of Variability: Range and Coefficient of Variation
6	Theoretical	Probability: Statistical Experiment, Sample Space
7	Theoretical	Probability: Conditional Probability, Dependent and Independent Event
8	Theoretical	Discrete Random Variables and Their Distributions: The Concept of Random Variable
9	Intermediate Exam	Midterms
10	Intermediate Exam	Midterms
11	Theoretical	Discrete Random Variables and Their Distributions: Bernoulli and Binomial Dist.
12	Theoretical	Discrete Random Variables and Their Distributions: Poisson Dist.
13	Theoretical	Expectation and Variance of Discrete Random Variables
14	Theoretical	Uniform Dist.
15	Theoretical	Normal Dist.
16	Intermediate Exam	Finals

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	2	3	65
Individual Work	13	0	2	26
Final Examination	1	27	1	28
Board Examination	1	31	1	32
			Total Workload (Hours)	151
			[Total Workload (Hours) / 25*] = **ECTS**	6

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To have information about Population and Sampling
2	To calculate central tendency and variability measures according to data types.

3	Simple probability calculation.
4	To have knowledge on the concept of random variable.
5	To be able to calculate probability for the distribution of discrete and continuous random variables.

Programme Outcomes *(Human Resources Management)*

1	Having adequte scientific knowledge of Human Resources Management, basic business concepts and other social sciences
2	Thinking critically and analytically
3	Having knowledge of communication and information technologies
4	In-depth understanding of the research process and application of a range of research techniques into studies, researches and projects
5	In-depth understanding of usage of Human Resources Management and other social sciences theoretical and applied knowledge together.
6	Ability to interpret basic Business concepts from Human Resource Management perspective
7	Ability to implement basic HRM responsibilities in institutions such as HR Planning and staffing, labor relations, occupational healthy and safety, training planning, performance and rewards management, career planning, employment and interview techniques and legal HR issues
8	Implementing quality process approach into HRM process by considering institutional development, internal and external customer satisfaction; in case of need, having sense of responsibility making contribution for problem solving and continuous development and process excellence ability by problem identification, goal setting, reorganisation and change management skills
9	Management of resources and assets by considering budgetary, financial and legal issues; management of projects/operations with the ability of planning, implementation, and auditing; Having skills on management of self and other people
10	Enriching result oriented working approach with continous learning approach
11	Strong oral and written communication skills and ability to present ideas and information effectively
12	Monitor and communicate with colleagues in a foreign language using at least the European Language Portfolio B1 General Level
13	Ability to work with people of various cultural and educational background by valuing team work, developing emphathy and listening skills
14	Being conscious on social, academic and professional ethical values
15	Development of critical theoretical appreciation of ´how´, ´why´ and ´where´ HRM contributes to and supports employee and societal development, and implementing these approach for applied and graduate projects and working life

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L4
P2	3	3	5
P4	4	4	5
P6	4	5	
P7			4
P8	4		
P9		5	5
P10	5		
P11			4
P12	5		
P13			3
P14	4		
P15		5	2