AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Statistics I						
Course Code	İŞLT205		Couse Level	First Cycle (Bachelor's Degree)			
ECTS Credit	5	Workload	125 *(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)							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

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	What is statistics?
2	Theoretical	Summarize numerical information
3	Theoretical	Probability
4	Theoretical	Probability
5	Theoretical	Discrete random variables and probability distributions
6	Theoretical	Discrete random variables and probability distributions. Poisson probability distribution, binomial probability distribution
7	Theoretical	Continuous random variables and probability distributions
8	Theoretical	Continuous random variables and probability distributions. Exponential probability distribution
9	Intermediate Exam	Midterms
10	Intermediate Exam	Midterms
11	Theoretical	Continuous random variables and probability distributions. Normal probability distribution
12	Theoretical	Sampling and sampling distributions. Sampling distribution of the sample average of the total sample sampling distribution Central Limit Theorem
13	Theoretical	Sampling and sampling distributions. Sampling distribution of the sample variance of the sampling distribution of sample rate
14	Theoretical	The point estimate
15	Theoretical	Gap estimate

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	0	3	39
Individual Work	13	0	2	26
Midterm Examination	1	27	1	28
Final Examination	1	31	1	32
			Total Workload (Hours)	125
			[Total Workload (Hours) / 25*] = **ECTS**	5

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To be able to use rules and methods of presenting quantitave data.

2	To be able to use statistical methods and rules for the summary display of numerical data.
3	To be able to apply probability theory and concepts to business problems.
4	To be able to use random variable concept in real life situations.
5	To be able to make predictions about 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	L3	L4	L5
P4	4	3	4	4	3