AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Probability and Statistical Methodology						
Course Code	İŞLE539		Couse Level	Second Cycle (Master's Degree)			
ECTS Credit	5	Workload	127 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	The course will increase students' knowledge and present their applications include statistical issues.						
Course Content	Issues related to statistical methodology, and possibly treatment.						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation)					
Name of Lecturer(s)							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Burhan Çil, İstatistik, DetayYayıncılık,Ankara- 2008

Week	Weekly Detailed Course Contents	
1	Theoretical	Measures of central tendency and dispersion
2	Theoretical	Probability
3	Theoretical	The normal distribution
4	Theoretical	The standard normal distribution
5	Theoretical	Hypothesis testing
6	Theoretical	Continuous distribution
7	Theoretical	Discrete distribution
8	Intermediate Exam	Midterm Exams
9	Theoretical	Örnekleme
10	Theoretical	Regression and correlation
11	Theoretical	Chi-square test
12	Theoretical	Time series and indexes
13	Theoretical	Parametric and nonparametric tests
14	Theoretical	SPSS application
15	Theoretical	SPSS application

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Midterm Examination	1	25	1	26
Final Examination	1	30	1	31
			Total Workload (Hours)	127
			[Total Workload (Hours) / 25*] = **ECTS**	5

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	
2	
3	

4	
5	

Programme Outcomes *(Business Administration Master's Without Thesis)*

1	To equip the students from different academic backgrounds with the theoretical and practical information in the fundamental fields of business (i.e. Production management, marketing, accounting and finance, management and organization, and quantitavie me
2	Be able to make finacial analysis in micro and macro level and develop skills in the analyis of the primary and secondary markets; evaluation of the financial structure of the firms and interpretation of accounting reports and financial statements.
3	Be able to use mathematical, statistical and econometric models in the field of business develop skills for interpreting quantitative data, using data in the decision making process and be able to use statistical forecasting methods
4	To have knowledge about the management techniques, be able to assume responsibility in dealing with unforeseeable and complex problems as an individual and group member and develop leadership and communication skills.
5	Be able to understand principles of marketing, marketing research, market share estimation, market segmentation, market positioning, target markets, marketing mix and the place of marketing department in a business organization, the concept of internation

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	2	4	2	3
P2	2	3	5	3	2
P3	3	4	3	5	4
P4	5	5	2	4	5
P5	4	3	3	3	4