



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Computer Applied Statistics							
Course Code		İK311		Couse Level		First Cycle (Bachelor's Degree)			
ECTS Credit	6	Workload	151 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Students should use forecasting techniques as regression, time series analysis and should determine relationship between variables.							
Course Content		Basic probability, statistical probability, descriptive statistics, inferential statistics, hypothesis testing, linear correlation, dealing with subjects such as regression and analysis of variance using SPSS, Excel and R software...							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Lecture Notes
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Week	Weekly Detailed Course Contents	
1	Theoretical	Simple Regression and Correlation Analysis
2	Theoretical	Simple Regression and Correlation Analysis
3	Theoretical	Hypothesis Testing in Simple Regression and Correlation Analysis
4	Theoretical	Hypothesis Testing in Simple Regression and Correlation Analysis
5	Theoretical	Nonlinear (Curve) Regression Analysis
6	Theoretical	Nonlinear (Curve) Regression Analysis
7	Theoretical	Multiple Regression and Correlation Analysis
8	Theoretical	Multiple Regression and Correlation Analysis
9	Intermediate Exam	Midterms
10	Intermediate Exam	Midterms
11	Theoretical	Simple Regression and Correlation Analysis
12	Theoretical	Hypothesis Testing in Simple Regression and Correlation Analysis
13	Theoretical	Nonlinear (Curve) Regression Analysis
14	Theoretical	Multiple Regression and Correlation Analysis
15	Theoretical	Course Review

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	2	3	65
Individual Work	13	0	3	39
Midterm Examination	1	20	1	21
Final Examination	1	25	1	26
Total Workload (Hours)				151
[Total Workload (Hours) / 25*] = ECTS				6

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Students can make prediction through variable/variables.
2	Students can learn through previous values.



3	Students will know SPSS.
4	Students can learn the relationship between variables.
5	Students make parameter estimation.
6	Students can learn the basic concepts of statistics.

#### Programme Outcomes (Human Resources Management)

1	Having adequate 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 continuous 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 empathy 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
P1	4	5	4
P2	4	5	3
P3	3	4	3
P4	4	5	2
P9	4	3	4

