



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Basic Statistics							
Course Code		MVU102		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Needs in businesses, various organizations or academic studies data collection, processing, evaluation and interpretation to give the student the necessary preliminary skills							
Course Content		Basic statistical information is the content of this course.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Problem Solving					
Name of Lecturer(s)		Ins. Neslihan BİLİNMEZ							

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	"Statistics" Anadolu University AÖF Publications
2	Course notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Definition, importance and basic concepts of statistics
2	Theoretical	Data Types and Data Collection Methods
3	Theoretical	Editing and Presenting Data
4	Theoretical	Measures of Central Tendency
5	Theoretical	Measures of Central Tendency
6	Theoretical	Comparison and Interpretation of Central Tendency and Propagation Measures
7	Theoretical	Introduction to Probability Theory, Permutation, Combination and Counting Rule
8	Intermediate Exam	Midterm exam
9	Theoretical	Conditional Probability and Multiplication Rule
10	Theoretical	Probability of Combination of Events
11	Theoretical	Random Variables
12	Theoretical	Normal Distribution, t distribution and Chi-Square Distribution
13	Theoretical	Introduction to Forecasting Theory
14	Theoretical	Introduction to Forecasting Theory
15	Final Exam	Final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	10	0	1	10
Midterm Examination	1	5	1	6
Final Examination	1	5	1	6
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To be able to define basic probability concepts and rules
2	To be able to calculate the probability of a random event
3	Preparing tables and graphics



4	To be able to explain the method used to compare two or more groups
5	Makes simple statistical analysis

**Programme Outcomes (Accounting and Tax Practices)**

1	Being an individual who is respectful to his own values, fits ethical rules, investigates and examines environment, events, and takes lessons.
2	To have theoretical knowledge and to manage the process which will contribute to the solution of the various problems that may arise during the professional activity and to obtain the expected practical results in practice.
3	To have theoretical knowledge supported by textbooks with current information, application tools and other resources, and to be able to discuss using any kind of information related to this field.
4	Be able to apply and evaluate all the techniques that the accounting profession should have.
5	Ability to plan, implement and evaluate all activities (such as financial statements and financial statements, keeping accounts in a computer environment, etc.) performed in the business and finance world, accounting bureaus and tax-related institutions.
6	In the sector or institutions that it supports during its activities; to be able to interpret and evaluate data using the knowledge and skills gained in the field, to be able to recognize and analyze problems, and to be able to develop evidence-based solutions.
7	Ability to gain personality traits showing planning and decision making skills.
8	To be able to comprehend the importance of the developments of the business and financial world and the knowledge that they have in this direction, to be able to develop the concepts of creativity and creative thinking, to be able to realize the effects of professional activities in the applied fields.
9	To be able to evaluate and interpret the knowledge and skills gained in the professional field.
10	Be able to develop personality traits that develop environmental awareness, respect for differences, and adapt to different situations and social roles.
11	To be able to use communication techniques properly while maintaining human relations.
12	To be able to use information and communication technologies together with the computer software required by the professional field
13	To be able to inform related persons and institutions about the issues related to the field during the professional work, to be able to transmit suggestions of solutions to problems and problems in writing and orally.
14	To have sufficient consciousness about the universality of social rights, social justice, protection of quality culture and cultural values and environmental protection, occupational health and safety issues.

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

	L1
P14	3

