	Subject	BSA 215 Statistical	Methods for Economics and	
		Business- 3KU/6EC	CTS credits	
	Program	Undergraduate		
	Department	School of Economics	and Management	
	Term	Fall Semester of 202		
	Instructor	Leyla Bayramova		
	E-mail			
		mustafayevaleyla@khazar.org		
	Classroom/hours	Wednesday: 13:40-15:	10, 15:20-16:50	
	Language	English		
Prerequisites	MATH 215			
Compulsory/ Elective	Compulsory			
	Course <sup>`</sup> , 5 <sup>th</sup> 3) Basic Statist William G. I Education, 2 Supplementary boo Statistics for Mana	<sup>h</sup> edition, 2010. ics for Business and Ec Marchal, Samuel A. Wa 2013 ok: agers Using Microsoft	ness Statistics: A First conomics, Douglas A. Lind, athen, Published by McGraw-Hill Excel by D. Levine, D.Stephan,	
		nson, 6 <sup>th</sup> edition, 2011.		
Grading System	Method	ls	Percentage (%)	
	Midterm Exam			
			30	
	Group Project			
	Group Project Quizzes		30	
	Group Project Quizzes Activity		30 20 5	
	Group Project Quizzes Activity Attendance		30 20 5 5 5	
	Group Project Quizzes Activity		30 20 5	

Looming	After this course students will be able to calculate descriptive and		
Learning Outcomes Policy	After this course, students will be able to calculate descriptive and numerical measures and probabilities based on both sample and population datasets to make initial inferences about population parameters. Furthermore, they will acquire skills to test population parameters by using Hypothesis testing based on sample observations. During the lectures, students will obtain insights about the involvement of statistical methods in real business and economic applications. - Quiz Quiz will worth 20% of final grade. It is planned to hold in the fourth, tenth and thirteenth week of Semester. It is planned to be conducted on university if education is face to face and will be consists of Multiple-choice and open questions. Exam time will be 60 minutes. Further details about quiz will be communicated by Instructor.		
	- Attendance Policy		
	5 % of final grade will be given for class attendance. Students should attend all classes. The proof of reason for unavoidable absence must be provided by student. In this case, the absence will not be resulted with grade subtraction.		
	Students should come to the classes on time. Late arrival more than 15 minutes will be resulted as absence on the attendance sheet. In case of late arrival, student must inform Instructor in advance.		
	Important Note: If the student miss 25% of all classes during the semester, he or she will not be allowed to participate in examination.		
	- Class participation in this course:		
	5% of the final grade will be given for class participation. It is required from students to contribute to the class discussion and actively participate in team works. The quality of contribution will be the main factor not the quantity of contribution.		
Academic Dishonesty	Students are expected to conduct themselves in a professional manner. Academic dishonesty such as plagiarism and cheating will not be tolerated. Therefore, students are expected to be honest and ethical in their academic work. Cases of academic dishonesty will be immediately reported to the Director's office for disciplinary action.		
Office Hours	The instructor will be available to consult with students regarding class related questions regularly by appointment. Meetings with students outside office hours should be scheduled in advance by sending an e-mail to the instructor.		

Week	Date/Day	Topics	Textbook/Assignments
VV CCK	(Tentative)	Topics	
1	20.09.23	Introduction to Statistics. Basic definitions and	
1	20.09.23	terminologies	Chapter 1 (NW)
2	27.09.23		
Z	27.09.23	Using Graphs to Describe Data	Chapter 1 (NW)
3	04.10.23		Chapter 2 (NW)
5	04.10.23	Using Numerical Measures to Describe Data	
4	11.10.23		Chapter 3 (NW)
	11.10.23	Elements of Chance: Probability Methods	(Quiz1)
~	18.10.23		
5	18.10.23	Conditional Probability and Bayes Theorem	Chapter 3 (NW)
6	25.10.23		
0	25.10.23	Discrete Probability Distributions	Chapter 4 (NW)
7	01.11.23	Continuous Drohobility Distribution	Chapter 5 (NW)
7	01.11.23	Continuous Probability Distribution Midterm exam	
8	08.11.23		
	08.11.23	Holiday	Chapter 6 (NW)
9	15.11.23		
	15.11.23	Sampling Distribution of Sample Means Sampling Distribution of Sample Proportion	Chapter 6 (NW)
10	22.11.23	Confidence Interval Estimation of Unknown	
	22.11.23	Population Mean	Chapter 7 (NW) (Quiz 2)
11	29.11.23	Confidence Interval Estimation of Unknown	Chapter 7 (NW)
11	29.11.23	Population Mean when population variance in unknown	
12	06.12.23		Chapter 8 (NW)
	06.12.23	Confidence Interval Estimation: Further Topics	

13	13.12.23 13.12.23	Hypothesis Tests of Single Population	Chapter 9 (NW) (Quiz 3)
14	20.12.23 20.12.23	Analysis of variance. Linear regression correlation analysis	Chapter 10 (NW)
15	27.12.23 27.12.23	Multiple regression analysis	Chapter 11 (NW)
	ТВА	Final Exam	

This syllabus is a guide for the course and any modifications to it will be announced in advance.