Course Syllabus

Code - Course Title	**İST202U - Statistics II**
Course Type	IV. SEMESTER
Laboratory + Practice	0+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. ALİ ÖZDEMİR

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	İST201U İstatistik I
Recommended Resources	T.C. ANADOLU ÜNİVERSİTESİ YAYINI NO: 2806 AÇIKÖĞRETİM FAKÜLTESİ YAYINI NO: 1764 (AÖF KİTABI) İstatistik II, Şıklar, E. Özdemir, A., Editörler, 2013.
Work Placement	There is no work placement for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Sampling and Sampling Distributions	
Week - 2		Sampling and Sampling Distributions-II	
Week - 3		Statistical Estimation	
Week - 4		Statistical Estimation-II	
Week - 5		Statistical Decision Making	
Week - 6		Statistical Decision Making-II	
Week - 7		Midterm Exam	
Week - 8		Chi-Square Test	
Week - 9		Regression and Correlation Analysis	
Week - 10		Regression and Correlation Analysis	
Week - 11		Time Series Analysis	
Week - 12		Indices	
Week - 13		Decision Theory	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	To be able to distinguish the concepts of integer and sampling
2	To be able to define statistical estimation
3	To be able to distinguish between hypothesis and statistical hypothesis
4	To be able to test the existence of the relationship between non-numerical variables.
5	To be able to determine the degree of relationship between variables.
6	To be able to define the time series.
7	To be able to explain the index concept.
8	To be able to create a strategy table in decision problems.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	70
	Sum (%)	**100**