Course Syllabus

Code - Course Title	**İST201 - Statistics**
Course Type	III. SEMESTER
Laboratory + Practice	3+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	

Mode of Delivery	This course is conducted only in the form of face to face education.
Courses Recomended	ARY 111 Reserach Methods in Social Science
Work Placement	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Definition of statistics	
Week - 2		Definition and Functions of statistics: Techniques of Data Collection and Presentation	
Week - 3		Random variables, Distribution of random variables	
Week - 4		Skewness and kursosis coefficient	
Week - 5		Sampling: the error of sampling, sampling techiques	
Week - 6		Parameter estimation from sampling	
Week - 7		Hypothesis tests:	
Week - 8		The comparion of ratios, Hypothesis tests for small and large sample, chi-square test	
Week - 9		Interval Estimation	
Week - 10		Simple linear regression	
Week - 11		Corelation coefficent, Determination coefficent	
Week - 12		Application	
Week - 13		The sampling distributions	
Week - 14		The sampling distributions.	

Learning Outcomes

#	Learning Outcome
1	explain characters of sample and population.
2	define types of variables and various representation techniques of variables.
3	apply statistical methods in evaluation of the data.
4	test hypotheses and analyse data using parametric tests.
5	use correlation and simple linear regression methods.

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.