Course Syllabus

Code - Course Title	**İST205 - Statistics I**
Course Type	III. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Recommended Resources	Atlas, M., 2013 İstatistik I Çözümlü ÖrneklerGürsakal, N.,2012, Betimsel İstatistik, Dora Yayınevi, Bursa
Work Placement	Internship is not suitable for this course

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		What is statistics? History and importance.	
Week - 2		Basic terms of statistics and levels of measurement.	
Week - 3		Organizing data and statistic distibutions.	
Week - 4		Graphical presentation of distributions	
Week - 5		Means: Arithmetic mean, Weighted mean, Geometric mean and Kuadratic mean.	
Week - 6		Means: median and mode	
Week - 7		Measures af dispersion: Variance, Standard deviation and modified ranges	
Week - 8		Measures of skewness 1	
Week - 9		Measures of skewness 2	
Week - 10		Probability: Calculating probability and conditional probability 1	
Week - 11		Probability: Calculating probability and conditional probability 2	
Week - 12		Probability Distribution: binomial and poisson probability distribution	
Week - 13		Probability Distribution: normal distribution	

Learning Outcomes

#	Learning Outcome
1	collect and list data.
2	calculate descriptive measures.
3	calculate probability.
4	use probability distributions

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.