Course Syllabus

Code - Course Title	**İST205 - Statistics I**
Course Type	III. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	İngilizce
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	Statistical Techniques in Business and Economics, 17th EditionISBN10: 1265322465 | ISBN13: 9781265322465By Douglas Lind, William Marchal and Samuel Wathen
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		What is statistic? Story and importance.	
Week - 2		Basic terms of statistic 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	
Week - 9		examples	
Week - 10		examples	
Week - 11		Probability: Calculating probability and conditional probability	
Week - 12		Probability Distribution: binomial and poisson probability distribution	
Week - 13		Probability Distribution: normal distribution	

Learning Outcomes

#	Learning Outcome
1	Collects and lists data
2	Calculates describtive measures
3	Calculates probability
4	Uses 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.