Course Syllabus

Code - Course Title	**İST311 - Non-Parametric Statistical Methods**
Course Type	VI. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DOÇ. DR. ZERRİN AŞAN GREENACRE

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Why and when non parametric tests are used?	
Week - 2		Steps of an statistical test	
Week - 3		Two Non Parametric Test : Binomial Test for single sample and Chi-Square Test	
Week - 4		Kolmogorov Smirnov test for one sample	
Week - 5		Sign test for one sample	
Week - 6		Wilcoxon test for one sample	
Week - 7		Run Test for single sample, two independent sample tests.	
Week - 8		Chi square and Median Test for two independent sample tests.	
Week - 9		Mann-whitney U and Kolmogorov-Smirnov for two independent sample tests.	
Week - 10		Sign test for dependent sample	
Week - 11		Wilcoxon test for dependent sample	
Week - 12		Mc Nemar Test two dependent sample tests.	
Week - 13		Nonparametric test for k sample	
Week - 14		Determinig relation among variables with nonparametric tests.	

Learning Outcomes

#	Learning Outcome
1	Discuss nonparametric statistical techniques.
2	Analyse nonparametric statistical techniques.

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 (%)
1.Midterm Exam	1	25
Final Exam	1	50
2.Midterm Exam	1	25
	Sum (%)	**100**