Course Syllabus

Code - Course Title	**İST643 - Educational Statistics**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ ECMEL YAŞAR

Mode of Delivery	Face to Face
Prerequisites	Ne prerequirements for this course
Courses Recomended	Ne prerequired class for this course
Recommended Resources	Creswell, J. W. (2009). Research design: Qualitative, quantitative, and mixed methods (3rd edition). Thousand Oaks, CA: Sage.
Work Placement	No internship is available for this course

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Major concepts	
Week - 2		Gathering and Processing Data	
Week - 3		Reliability and validity of scales	
Week - 4		Measures of central tendency	
Week - 5		Testing Statistical Assumptions	
Week - 6		Standardized scores	
Week - 7		t-test	
Week - 8		Analysis of variance	
Week - 9		Correlation	
Week - 10		Linear and multiple regression	
Week - 11		Repeated Measures and Split Plot Designs	
Week - 12		Non-parametric tests	
Week - 13		Structral Equation Modeling	
Week - 14		Yapısal Eşitlik Modellemesi Analizleri	

Learning Outcomes

#	Learning Outcome
1	Define major concepts of statistics
2	Explain basic assumptions and principles of statistical analyses
3	Summarize major phases and steps of statistical analyses
4	Interpret reliability and validity of scales
5	Apply statisticall tests

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.