Course Syllabus

Code - Course Title	**İST546 - Quantitative Data Analysis**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. ADİLE AŞKIM KURT

Mode of Delivery	Distance Education
Recommended Resources	American Psychological Association. (2009). Publication manual of the American Psychological Association (6th edition). Washington, DC: The author.Field, A. (2013) Discovering Statistics Using SPSS (Introducing Statistical Methods S.). Sage Publication.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to Quantitative Research and Major concepts	
Week - 2		Quantitative research design	
Week - 3		Organizing and presenting data	
Week - 4		Central tendency measures	
Week - 5		Dispersion measures	
Week - 6		Standardized scores	
Week - 7		Hypothesis testing and assumptions of parametric tests	
Week - 8		one sample t-test	
Week - 9		Independent sample and paired sample t-tests	
Week - 10		Analysis of variance	
Week - 11		Correlation	
Week - 12		Non-Parametric Analyses-I	
Week - 13		Non-Parametric Analyses-II	
Week - 14		Presentation of an Statistical Research Study	

Learning Outcomes

#	Learning Outcome
1	Define major concepts of quantitative research
2	Explain basic assumptions and principles of quantitative research
3	Apply statistical tests used in quantitative research
4	Design a quantitative research
5	Evaluate quantitative research

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.