Course Syllabus

Code - Course Title	**UZE560 - Quantitative Research in Distance Education**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. EVRİM GENÇ KUMTEPE

Mode of Delivery	Face to face
Recommended Resources	American Psychological Association. (2009). Publication manual of the American Psychological Association (6th edition). Washington, DC: The author.Creswell, J. W. (2009). Research design: Qualitative, quantitative, and mixed methods (3rd edition). Thousand Oaks, CA: Sage.Field, A. (2013) Discovering Statistics Using SPSS (Introducing Statistical Methods S.). Sage Publication.Glass, G. V. & Hopkins, K. D. (1995). Statistical methods in education and psychology [3th Ed.]. Needham Heights, MA: Allyn & Bacon.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Quantitative Research Design	
Week - 2		Reliability and Validity	
Week - 3		Basic Concepts in Statistics	
Week - 4		Introduction to SPSS	
Week - 5		Descriptive Statistics-Graphical Displays	
Week - 6		Frequency Distribution & Central Tendency Measures	
Week - 7		Dispersion Measures	
Week - 8		Inferential Statistics	
Week - 9		Standard Scores and Normal Distribution	
Week - 10		T Tests ”One Sample, Independent and Paired Samples t-tests”	
Week - 11		Analysis of Variance-ANOVA	
Week - 12		Correlation	
Week - 13		Simple Linear Regression	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Multiple Linear Regression	

Learning Outcomes

#	Learning Outcome
1	To be able to design a quantitative research on a topic related to the field of distance education
2	To be able to obtain and organize primary or secondary data
3	To be able to analyze data in JASP using quantitative analysis techniques
4	To be able to prepare a scientific study by interpreting the results of the analysis

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.