Course Syllabus

Code - Course Title	**DKT505 - Research Methods in Speech and Language Therapy**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ NURDAN CANKUVVET

Mode of Delivery	Face to face
Prerequisites	None
Courses Recomended	None
Recommended Resources	ÖZDAMAR, K. (2013). Modern Bilimsel Araştırma Yöntemleri. Yenilenmiş 2. Baskı, Nisan kitabevi. Ankara.ÖZDAMAR, K. (2013). Paket Programlar İle İstatistiksel Veri Analizi I, Yenilenmiş 9. Baskı, Nisan kitabevi. Ankara.
Work Placement	None

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Research Planning, Choose research subject, Researching Clasical and Actual references, Population and sampling	
Week - 2		Scientific Writing Critique, Determination of research aims, identifying of the variables and scales	
Week - 3		Selection of research population and sampling methods, identification of research problems and the establishment of hypotheses	
Week - 4		Power analysis, calculation of sample sizes, and sampling methods	
Week - 5		Data summary and presentation methods (Descriptive statistics, Tables, Graphs)	
Week - 6		Preparation research plan, project and protocol, Preparation of data collecting and storage forms and style	
Week - 7		Preparation of data collecting and storage forms and style, input to the Statistical programs, Controls of research data, calculations of dersriptive statistics, tests of normality	
Week - 8		Z and t tests	
Week - 9		ANOVA Models and POST HOC tests (multiple comparisons)	
Week - 10		Chi-square tests, Sign test, KS one and two samples tests, McNemar Test etc.	
Week - 11		Nonparametric tests (Mann Whitney U, Wilcoxon T, Kruskal Wallis, Friedman etc tests)	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 12		Regression and correlations analyses	
Week - 13		Reliability and item analysis	
Week - 14		Write and Publish a scientific paper, General Ethical rules and Research ethics	

Learning Outcomes

#	Learning Outcome
1	planning scientific research, practise, control and analysing data and techniques of writting scientific report, paper and thesis

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.