Course Syllabus

Code - Course Title	**EÇE528 - Single Subject Research in Special Education**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ ESİN PEKTAŞ KARABEKİR

Mode of Delivery	Face to face
Prerequisites	It is not available.
Courses Recomended	Taking the “Applied Behavior Analysis" courses are recommended to student taking this course.
Recommended Resources	Tekin-İftar, E. (2018). Eğitim ve davranış bilimlerinde tek-denekli araştırmalar. Ankara: Anı Yayıncılık.
Work Placement	It is not available.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		What is research? What are the similarities and differences between research and teaching?	
Week - 2		Single Subject Research and Applied Behavior Analysis	
Week - 3		Measurement and evaluation, Effectiveness and efficiency, Direct testing	
Week - 4		Social validity and internal validity	
Week - 5		Reliability, Dependent variable reliability, Independent variable reliability	
Week - 6		Types of graphs, Visual analysis of the data, Replication	
Week - 7		Characteristics of single-subject research designs, ABAB design, Reversal design	
Week - 8		Multiple baseline design	
Week - 9		Multiple probe design	
Week - 10		Comparison designs, Characteristics of comparison designs, ABC design	
Week - 11		Alternating treatment design	
Week - 12		Alternating treatment design	
Week - 13		Parallel treatment design	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Graph Drawing and Visual Analysis	

Learning Outcomes

#	Learning Outcome
1	Students will be able to identify single-subject research designs and understand their applications in special education.
2	Students will be able to evaluate the relationship between single-subject research and Applied Behavior Analysis.
3	Students will comprehend how to collect and analyze data in single-subject research.
4	Students will be able to identify validity and reliability issues encountered in single-subject research.
5	Students will analyze case studies where single-subject research is applied in special education.
6	Students will interpret single-subject research findings and make practical implications based on these findings.
7	Students will apply graphical analysis techniques used in single-subject 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.